IRENA
International Renewable Energy Agency

# RENEWABLE CAPACITY STATISTICS 2022

# STATISTIQUES DE CAPACITÉ RENOUVELABLE 2022

# ESTADÍSTICAS DE CAPACIDAD RENOVABLE 2022

www.irena.org

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The International Renewable Energy Agency (IRENA) is an intergovernmental organisation that supports countries in their transition to a sustainable energy future, and serves as the principal platform for international co-operation, a centre of excellence, and a repository of policy, technology, resource and financial knowledge on renewable energy. IRENA promotes the widespread adoption and sustainable use of all forms of renewable energy, including bioenergy, geothermal, hydropower, ocean, solar and wind energy, in the pursuit of sustainable development, energy access, energy security and low-carbon economic growth and prosperity. www.irena.org

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Data can be downloaded at: www.irena.org/Statistics/Download-Data

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# FOREWORD

The global shift to renewables is underway.

This latest edition of *Renewable Capacity Statistics* comes as a statement to the world that renewables are the *de-facto* energy choice for new power generation, despite the devastating effect the COVID-19 pandemic has had on society and public agenda priorities.

By the end of 2021, renewables accounted for 38 per cent of global installed capacity. The large existing stock of non-renewable energy signifies a carbon lock-in for many countries that must face the decision to decommission fossil fuel power plants before the end of their useful lifetimes. This is especially evident in those countries that depend almost entirely on large-scale fossil fuel power generation.

2021 was a strong year for the energy transition – the world added almost 257 Gigawatts (GW) of renewables, increasing the stock of renewable power by 9.1 per cent and contributing to an unprecedented 81 per cent of global power additions. Solar power alone accounted for over half of the renewable additions with a record 133 GW last year, followed by 93 GW of wind energy overall, with offshore wind energy capacity hitting a record 21 GW.

Indeed, this recent progress is encouraging, but enormous efforts are required urgently to stay on the pathway to the 1.5°C climate goal. Choosing renewables should be the standard for new power additions as we act resolutely to stop new fossil fuel power generation, phase out the assets, and upgrade infrastructure to ensure system flexibility that allows a higher integration of variable renewables.

The energy transition gained momentum last year, as countries continued to deliver on the decade of action through increased renewables deployment; but the rate of growth is still not sufficient to guarantee a net zero future. Renewables need to reach around 40 per cent in total energy generation across all sectors by 2030.

This report should serve not only as a valuable resource to quantify progress, but also as a stark reminder of the work that lies ahead to achieve a just, inclusive and sustainable future for all.

Francesco La Camera
Director-General
International Renewable Energy Agency

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The renewable power capacity data shown in these tables represents the maximum net generating capacity of power plants and other installations that use renewable energy sources to produce electricity. For most countries and technologies, the data reflects the capacity installed and connected at the end of the calendar year. The data is presented in megawatts (MW) rounded to the nearest one megawatt, with figures between zero and 0.5MW shown as a 0.

Data has been obtained from a variety of sources, including: the IRENA questionnaire; official statistics; industry association reports; and other reports and news articles. Numbers followed by the letter “o” are figures that have been obtained from official sources such as national statistical offices, government departments, regulators and power companies. The letter “u” follows figures that have been obtained from unofficial sources, such as industry associations and news articles. The letter “e” follows figures that have been estimated by IRENA from a variety of different data sources. All data from the IRENA questionnaire is presented without any indicator.

Data are available for download at www.irena.org/statistics.

# NOTES À PROPOS DES TABLEAUX

Les données sur les capacités électriques renouvelables présentées dans ces tableaux représentent la capacité maximale nette de génération des centrales électriques et autres installations utilisant des sources d'énergie renouvelables pour produire de l'électricité. Pour la plupart des pays et technologies, les données reflètent la capacité installée et connectée à la fin de l'année civile. Les données sont exprimées en mégawatts (MW) arrondies à l'unité la plus proche ; les valeurs inférieures à 0,5 MW apparaissent comme 0.

Les données proviennent de sources multiples, y compris : le questionnaire IRENA ; les statistiques officielles ; des rapports d'associations de l'industrie ; et d'autres rapports et articles de presse. Les valeurs suivies de la lettre "o" ont été obtenues à partir de sources officielles (par exemple instituts statistiques nationaux, agences gouvernementales, régulateurs, compagnies d'électricité). La lettre "u" correspond à des valeurs venant de sources non officielles comme des rapports d'associations de l'industrie ou des articles de journaux. La lettre "e" correspond à des valeurs qui ont été estimées par l'IRENA à partir de sources diverses. Toutes les données venant du questionnaire IRENA sont présentées sans indication.

Les données sont téléchargeables sur le site www.irena.org/statistics.

# NOTAS A LAS TABLAS

Los datos de capacidad de generación eléctrica con energías renovables que se muestran en estas tablas representan la capacidad máxima de generación neta de las centrales eléctricas y otras instalaciones que utilizan fuentes de energías renovables para producir electricidad. Para la mayoría de los países y las tecnologías, los datos reflejan la capacidad instalada y conectada al final del año natural. Los datos se presentan en megavatios (MW) redondeados al megavatio entero más cercano, con cifras entre cero y 0,5 MW representadas como un 0.

Los datos se han obtenido a partir de una variedad de fuentes, incluyendo: el cuestionario de IRENA; estadísticas oficiales; informes de las asociaciones industriales; y otros informes y artículos de noticias. Los números acompañados de la letra "o" son cifras que se han obtenido a partir de fuentes oficiales, como oficinas nacionales de estadística, departamentos gubernamentales, reguladores y compañías eléctricas. La letra "u" acompaña a cifras que se han obtenido a partir de fuentes no oficiales, tales como asociaciones industriales y artículos de noticias. La letra "e" acompaña a números que han sido estimados por IRENA a partir de diversas fuentes de datos. Todos los datos provenientes del cuestionario de IRENA se presentan sin ningún indicador.

Los datos están disponibles para su descarga en www.irena.org/statistics.

# COUNTRIES, AREAS AND REGIONS SHOWN IN THE TABLES
# PAYS, ZONES ET RÉGIONS FIGURANT DANS LES TABLEAUX
# PAÍSES, ZONAS Y REGIONES MOSTRADAS EN LAS TABLAS

| Label/En-tête/Rótulo | English | Français | Español |
|---|---|---|---|
| WORLD | WORLD | MONDE | MUNDO |
| AFRICA | AFRICA | AFRIQUE | ÁFRICA |
| Algeria | Algeria | Algérie | Argelia |
| Angola | Angola | Angola | Angola |
| Benin | Benin | Bénin | Benín |
| Botswana | Botswana | Botswana | Botsuana |
| Burkina Faso | Burkina Faso | Burkina Faso | Burkina Faso |
| Burundi | Burundi | Burundi | Burundi |
| Cabo Verde | Cabo Verde | Cabo Verde | Cabo Verde |
| Cameroon | Cameroon | Cameroun | Camerún |
| Cent Afr Rep | Central African Republic | République centrafricaine | República Centroafricana |
| Chad | Chad | Tchad | Chad |
| Comoros | Comoros | Comores | Comoras |
| Congo DR | Democratic Republic of the Congo | République démocratique du Congo | República Democrática del Congo |
| Congo Rep | Congo | Congo | República del Congo |
| Cote d Ivoire | Côte d'Ivoire | Côte d'Ivoire | Côte d'Ivoire |
| Djibouti | Djibouti | Djibouti | Djibouti |
| Egypt | Egypt | Égypte | Egipto |
| Eq Guinea | Equatorial Guinea | Guinée équatoriale | Guinea Ecuatorial |
| Eritrea | Eritrea | Érythrée | Eritrea |
| Eswatini | Eswatini | Eswatini | Eswatini |
| Ethiopia | Ethiopia | Éthiopie | Etiopía |
| Gabon | Gabon | Gabon | Gabón |
| Gambia | Gambia | Gambie | Gambia |
| Ghana | Ghana | Ghana | Ghana |
| Guinea | Guinea | Guinée | Guinea |
| Guinea Bissau | Guinea-Bissau | Guinée-Bissau | Guinea-Bisáu |
| Kenya | Kenya | Kenya | Kenia |
| Lesotho | Lesotho | Lesotho | Lesoto |
| Liberia | Liberia | Libéria | Liberia |
| Libya | Libya | Libye | Libia |
| Madagascar | Madagascar | Madagascar | Madagascar |
| Malawi | Malawi | Malawi | Malawi |
| Mali | Mali | Mali | Malí |
| Mauritania | Mauritania | Mauritanie | Mauritania |
| Mauritius | Mauritius | Maurice | Mauricio |
| Mayotte | Mayotte | Mayotte | Mayotte |
| Morocco | Morocco | Maroc | Marruecos |
| Mozambique | Mozambique | Mozambique | Mozambique |
| Namibia | Namibia | Namibie | Namibia |
| Niger | Niger | Niger | Níger |
| Nigeria | Nigeria | Nigéria | Nigeria |
| Reunion | Réunion | Réunion | Reunión |
| Rwanda | Rwanda | Rwanda | Rwanda |
| Saint Helena | Saint Helena, Ascension and Tristan da Cunha | Sainte-Hélène, Ascension et Tristan de Cunha | Santa Helena, Ascensión y Tristán de Acuña |
| Sao Tome Prn | Sao Tome and Principe | Sao Tomé-et-Principe | Santo Tomé y Príncipe |
| Senegal | Senegal | Sénégal | Senegal |
| Seychelles | Seychelles | Seychelles | Seychelles |
| Sierra Leone | Sierra Leone | Sierra Leone | Sierra Leona |
| Somalia | Somalia | Somalie | Somalia |
| South Africa | South Africa | Afrique du Sud | Sudáfrica |
| South Sudan | South Sudan | Soudan du Sud | Sudán del Sur |
| Sudan | Sudan | Soudan | Sudán |

| Label/En-tête/Rótulo | English | Français | Español |
|---|---|---|---|
| Tanzania | United Republic of Tanzania | République-Unie de Tanzanie | República Unida de Tanzania |
| Togo | Togo | Togo | Togo |
| Tunisia | Tunisia | Tunisie | Túnez |
| Uganda | Uganda | Ouganda | Uganda |
| Westn Sahara | Western Sahara | Sahara occidental | Sahara occidental |
| Zambia | Zambia | Zambie | Zambia |
| Zimbabwe | Zimbabwe | Zimbabwe | Zimbabue |
| **ASIA** | **ASIA** | **ASIE** | **ASIA** |
| Afghanistan | Afghanistan | Afghanistan | Afganistán |
| Bangladesh | Bangladesh | Bangladesh | Bangladesh |
| Bhutan | Bhutan | Bhoutan | Bután |
| Brunei Darsm | Brunei Darussalam | Brunéi Darussalam | Brunei Darussalam |
| Cambodia | Cambodia | Cambodge | Camboya |
| China | China | Chine | China |
| China HK SAR | China, Hong Kong Special Administrative Region | Chine, région administrative spéciale de Hong Kong | China, región administrativa especial de Hong Kong |
| China Mac SAR | China, Macao Special Administrative Region | Chine, région administrative spéciale de Macao | China, región administrativa especial de Macao |
| Chinese Taipei | Chinese Taipei | Taipei chinois | China Taipéi |
| India | India | Inde | India |
| Indonesia | Indonesia | Indonésie | Indonesia |
| Japan | Japan | Japon | Japón |
| Kazakhstan | Kazakhstan | Kazakhstan | Kazajstán |
| Korea DPR | Democratic People's Republic of Korea | République démocratique populaire de Corée | República Popular Democrática de Corea |
| Korea Rep | Republic of Korea | République de Corée | República de Corea |
| Kyrgyzstan | Kyrgyzstan | Kirghizistan | Kirguistán |
| Lao PDR | Lao People's Democratic Republic | République démocratique populaire lao | República Democrática Popular Lao |
| Malaysia | Malaysia | Malaisie | Malasia |
| Maldives | Maldives | Maldives | Maldivas |
| Mongolia | Mongolia | Mongolie | Mongolia |
| Myanmar | Myanmar | Myanmar | Myanmar |
| Nepal | Nepal | Népal | Nepal |
| Pakistan | Pakistan | Pakistan | Pakistán |
| Philippines | Philippines | Philippines | Filipinas |
| Singapore | Singapore | Singapour | Singapur |
| Sri Lanka | Sri Lanka | Sri Lanka | Sri Lanka |
| Tajikistan | Tajikistan | Tadjikistan | Tayikistán |
| Thailand | Thailand | Thaïlande | Tailandia |
| Timor Leste | Timor-Leste | Timor-Leste | Timor-Leste |
| Turkmenistan | Turkmenistan | Turkménistan | Turkmenistán |
| Uzbekistan | Uzbekistan | Ouzbékistan | Uzbekistán |
| Viet Nam | Viet Nam | Viet Nam | Viet Nam |
| **C AMERICA + CARIB** | **CENTRAL AMERICA AND THE CARIBBEAN** | **AMÉRIQUE CENTRALE ET CARAÏBES** | **CENTROAMÉRICA Y EL CARIBE** |
| Anguilla | Anguilla | Anguilla | Anguila |
| Antigua Barb | Antigua and Barbuda | Antigua-et-Barbuda | Antigua y Barbuda |
| Aruba | Aruba | Aruba | Aruba |
| Bahamas | Bahamas | Bahamas | Bahamas |
| Barbados | Barbados | Barbade | Barbados |
| Belize | Belize | Belize | Belice |
| BES Islands | Bonaire, Sint Eustatius and Saba | Bonaire, Saint-Eustache et Saba | Bonaire, San Eustaquio y Saba |
| Br Virgin Is | British Virgin Islands | Îles Vierges britanniques | Islas Vírgenes Británicas |
| Cayman Is | Cayman Islands | Îles Caïmanes | Islas Caimán |
| Costa Rica | Costa Rica | Costa Rica | Costa Rica |
| Cuba | Cuba | Cuba | Cuba |
| Curacao | Curacao | Curaçao | Curacao |
| Dominica | Dominica | Dominique | Dominica |
| Dominican Rep | Dominican Republic | République dominicaine | República Dominicana |

| Label/En-tête/Rótulo | English | Français | Español |
|---|---|---|---|
| El Salvador | El Salvador | El Salvador | El Salvador |
| Grenada | Grenada | Grenade | Granada |
| Guadeloupe | Guadeloupe | Guadeloupe | Guadalupe |
| Guatemala | Guatemala | Guatemala | Guatemala |
| Haiti | Haiti | Haïti | Haití |
| Honduras | Honduras | Honduras | Honduras |
| Jamaica | Jamaica | Jamaïque | Jamaica |
| Martinique | Martinique | Martinique | Martinica |
| Montserrat | Montserrat | Montserrat | Montserrat |
| Nicaragua | Nicaragua | Nicaragua | Nicaragua |
| Panama | Panama | Panama | Panamá |
| Puerto Rico | Puerto Rico | Porto Rico | Puerto Rico |
| St Barth | Saint Barthélemy | Saint Barthélemy | San Bartolomé |
| St Kitts Nevis | Saint Kitts and Nevis | Saint-Kitts-et-Nevis | Saint Kitts y Nevis |
| St Lucia | Saint Lucia | Sainte-Lucie | Santa Lucía |
| St Maarten | Sint Maarten | Saint Martin (partie néerlandaise) | San Martín (parte neerlandesa) |
| St Martin | Saint Martin | Saint Martin (partie française) | San Martín (parte francesa) |
| St Vincent Gren | Saint Vincent and the Grenadines | Saint-Vincent-et-les Grenadines | San Vicente y las Granadinas |
| Trinidad Tobago | Trinidad and Tobago | Trinité-et-Tobago | Trinidad y Tabago |
| Turks Caicos | Turks and Caicos Islands | Îles Turques-et-Caïques | Islas Turcas y Caicos |
| US Virgin Is | United States Virgin Islands | Îles Vierges américaines | Islas Vírgenes Estadounidenses |
| **EURASIA** | **EURASIA** | **EURASIE** | **EURASIA** |
| Armenia | Armenia | Arménie | Armenia |
| Azerbaijan | Azerbaijan | Azerbaïdjan | Azerbaiyán |
| Georgia | Georgia | Géorgie | Georgia |
| Russian Fed | Russian Federation | Fédération de Russie | Federación de Rusia |
| Turkey | Turkey | Turquie | Turquía |
| **EUROPE** | **EUROPE** | **EUROPE** | **EUROPA** |
| Albania | Albania | Albanie | Albania |
| Andorra | Andorra | Andorre | Andorra |
| Austria | Austria | Autriche | Austria |
| Belarus | Belarus | Bélarus | Belarús |
| Belgium | Belgium | Belgique | Bélgica |
| Bosnia Herzg | Bosnia and Herzegovina | Bosnie-Herzégovine | Bosnia-Herzegovina |
| Bulgaria | Bulgaria | Bulgarie | Bulgaria |
| Croatia | Croatia | Croatie | Croacia |
| Cyprus | Cyprus | Chypre | Chipre |
| Czechia | Czech Republic | République tchèque | República Checa |
| Denmark | Denmark | Danemark | Dinamarca |
| Estonia | Estonia | Estonie | Estonia |
| Faroe Islands | Faroe Islands | Îles Féroé | Islas Feroe |
| Finland | Finland | Finlande | Finlandia |
| France | France | France | Francia |
| Germany | Germany | Allemagne | Alemania |
| Gibraltar | Gibraltar | Gibraltar | Gibraltar |
| Greece | Greece | Grèce | Grecia |
| Holy See | Holy See | Saint-Siège | Santa Sede |
| Hungary | Hungary | Hongrie | Hungría |
| Iceland | Iceland | Islande | Islandia |
| Ireland | Ireland | Irlande | Irlanda |
| Italy | Italy | Italie | Italia |
| Kosovo* | Kosovo* | Kosovo* | Kosovo* |
| Latvia | Latvia | Lettonie | Letonia |
| Liechtenstein | Liechtenstein | Liechtenstein | Liechtenstein |
| Lithuania | Lithuania | Lituanie | Lituania |
| Luxembourg | Luxembourg | Luxembourg | Luxemburgo |
| Malta | Malta | Malte | Malta |
| Moldova Rep | Republic of Moldova | République de Moldova | República de Moldavia |
| Monaco | Monaco | Monaco | Mónaco |

| Label/En-tête/Rótulo | English | Français | Español |
|---|---|---|---|
| Montenegro | Montenegro | Monténégro | Montenegro |
| Netherlands | Netherlands | Pays-Bas | Países Bajos |
| North Macedonia | North Macedonia | Macédoine du Nord | Macedonia del Norte |
| Norway | Norway | Norvège | Noruega |
| Poland | Poland | Pologne | Polonia |
| Portugal | Portugal | Portugal | Portugal |
| Romania | Romania | Roumanie | Rumania |
| San Marino | San Marino | Saint-Marin | San Marino |
| Serbia | Serbia | Serbie | Serbia |
| Slovakia | Slovakia | Slovaquie | Eslovaquia |
| Slovenia | Slovenia | Slovénie | Eslovenia |
| Spain | Spain | Espagne | España |
| Sweden | Sweden | Suède | Suecia |
| Switzerland | Switzerland | Suisse | Suiza |
| UK | United Kingdom of Great Britain and Northern Ireland | Royaume-Uni de Grande-Bretagne et d'Irlande du Nord | Reino Unido de Gran Bretaña e Irlanda del Norte |
| Ukraine | Ukraine | Ukraine | Ucrania |
| **MIDDLE EAST** | **MIDDLE EAST** | **MOYEN-ORIENT** | **MEDIO ESTE** |
| Bahrain | Bahrain | Bahreïn | Bahréin |
| Iran IR | Iran (Islamic Republic of) | République islamique d'Iran | Irán (República Islámica del) |
| Iraq | Iraq | Iraq | Iraq |
| Israel | Israel | Israël | Israel |
| Jordan | Jordan | Jordanie | Jordania |
| Kuwait | Kuwait | Koweït | Kuwait |
| Lebanon | Lebanon | Liban | Líbano |
| Oman | Oman | Oman | Omán |
| Qatar | Qatar | Qatar | Qatar |
| Saudi Arabia | Saudi Arabia | Arabie saoudite | Arabia Saudita |
| Palestine | State of Palestine | État de Palestine | Estado de Palestina |
| Syrian AR | Syrian Arab Republic | République arabe syrienne | República Árabe Siria |
| United Arab Em | United Arab Emirates | Émirats arabes unis | Emiratos Árabes Unidos |
| Yemen | Yemen | Yémen | Yemen |
| **N AMERICA** | **NORTH AMERICA** | **AMÉRIQUE DU NORD** | **NORTEAMÉRICA** |
| Bermuda | Bermuda | Bermudes | Bermudas |
| Canada | Canada | Canada | Canadá |
| Greenland | Greenland | Groenland | Groenlandia |
| Mexico | Mexico | Mexique | México |
| St Pierre Mq | Saint Pierre and Miquelon | Saint-Pierre-et-Miquelon | San Pedro y Miquelón |
| USA | United States of America | États-Unis d'Amérique | Estados Unidos de América |
| **OCEANIA** | **OCEANIA** | **OCÉANIE** | **OCEANÍA** |
| Amer Samoa | American Samoa | Samoa américaines | Samoa americana |
| Australia | Australia | Australie | Australia |
| Christmas Is | Christmas Island | Île Christmas | Isla de Navidad |
| Cocos Is | Cocos (Keeling) Islands | Îles Cocos | Islas Cocos |
| Cook Is | Cook Islands | Îles Cook | Islas Cook |
| Fiji | Fiji | Fidji | Fidji |
| Fr Polynesia | French Polynesia | Polynésie française | Polinesia francesa |
| Guam | Guam | Guam | Guam |
| Kiribati | Kiribati | Kiribati | Kiribati |
| Marshall Is | Marshall Islands | Îles Marshall | Islas Marshall |
| Micronesia | Micronesia (Federated States of) | Micronésie (États fédérés de) | Micronesia (Estados Federados de) |
| Nauru | Nauru | Nauru | Nauru |
| New Caledon | New Caledonia | Nouvelle-Calédonie | Nueva Caledonia |
| New Zealand | New Zealand | Nouvelle-Zélande | Nueva Zelandia |
| Niue | Niue | Nioué | Niue |
| Norfolk Is | Norfolk Island | Ile Norfolk | Isla Norfolk |
| Nth Mariana Is | Northern Mariana Islands | Îles Mariannes du Nord | Islas Marianas del Norte |
| Palau | Palau | Palaos | Palau |

| Label/En-tête/Rótulo | English | Français | Español |
|---|---|---|---|
| Papua N Guin | Papua New Guinea | Papouasie-Nouvelle-Guinée | Papua Nueva Guinea |
| Pitcairn | Pitcairn | Pitcairn | Pitcairn |
| Samoa | Samoa | Samoa | Samoa |
| Solomon Is | Solomon Islands | Îles Salomon | Islas Salomón |
| Tokelau | Tokelau | Tokelau | Tokelau |
| Tonga | Tonga | Tonga | Tonga |
| Tuvalu | Tuvalu | Tuvalu | Tuvalu |
| Vanuatu | Vanuatu | Vanuatu | Vanuatu |
| Wallis Fut Is | Wallis and Futuna Islands | Wallis-et-Futuna | Wallis y Futuna |
| **S AMERICA** | **SOUTH AMERICA** | **AMÉRIQUE DU SUD** | **SUDAMERICA** |
| Argentina | Argentina | Argentine | Argentina |
| Bolivia | Bolivia (Plurinational State of) | Bolivie (État plurinational de) | Bolivia (Estado Plurinacional de) |
| Brazil | Brazil | Brésil | Brasil |
| Chile | Chile | Chili | Chile |
| Colombia | Colombia | Colombie | Colombia |
| Ecuador | Ecuador | Equateur | Ecuador |
| Falklands Malv | Falkland Islands (Malvinas) | Îles Falkland (Malvinas) | Islas Malvinas (Falkland) |
| Fr Guiana | French Guiana | Guyane française | Guayana Francesa |
| Guyana | Guyana | Guyana | Guyana |
| Paraguay | Paraguay | Paraguay | Paraguay |
| Peru | Peru | Pérou | Perú |
| South Georgia | South Georgia and the South Sandwich Islands | Géorgie du Sud-et-les Îles Sandwich du Sud | Georgia del Sur y las Islas Sandwich del Sur |
| Suriname | Suriname | Suriname | Surinam |
| Uruguay | Uruguay | Uruguay | Uruguay |
| Venezuela | Venezuela (Bolivarian Republic of) | Venezuela (République bolivarienne du) | La República Bolivariana de Venezuela |

Source: UN Standard Country or Area Codes for Statistical Use (M49 List)
http://unstats.un.org/unsd/methods/m49/m49.htm.

Note: (*) Throughout this publication, the designation Kosovo* is without prejudice to positions on status and in line with the United Nations Security Council Resolution 1244 (1999).

# Total capacity

# Capacité totale

# Capacidad total

# Total renewable energy
# Total énergies renouvelables
# Total energías renovables

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 1 443 923 | 1 566 148 | 1 698 319 | 1 851 651 | 2 013 932 | 2 184 709 | 2 357 495 | 2 541 688 | 2 807 265 | 3 063 926 |
| Africa | 28 445 | 30 648 | 32 661 | 34 982 | 37 643 | 43 090 | 48 443 | 50 575 | 53 608 | 55 705 |
| Algeria | 253 | 253 | 264 | 312 | 482 | 663 | 686 | 686 | 686 | 686 |
| Angola | 883 | 964 | 1 032 | 1 033 | 1 765 | 2 458 | 3 126 | 3 460 | 3 794 | 3 794 |
| Benin | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| Botswana | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 6 | 6 | 6 |
| Burkina Faso | 38 | 38 | 39 | 41 | 43 | 80 | 95 | 98 | 98 | 98 |
| Burundi | 56 | 57 | 58 | 58 | 59 | 57 | 57 | 57 | 57 | 57 |
| Cabo Verde | 33 | 33 | 33 | 33 | 33 | 33 | 35 | 35 | 35 | 35 |
| Cameroon | 731 | 736 | 738 | 740 | 742 | 744 | 746 | 826 | 827 | 827 |
| Cent Afr Rep | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| Chad | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| Comoros | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Congo DR | 2 514 | 2 515 | 2 516 | 2 529 | 2 545 | 2 560 | 2 736 | 2 746 | 2 746 | 2 746 |
| Congo Rep | 206 | 206 | 207 | 207 | 213 | 227 | 227 | 227 | 227 | 227 |
| Cote d Ivoire | 606 | 607 | 608 | 609 | 609 | 887 | 892 | 892 | 892 | 892 |
| Djibouti | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| Egypt | 3 457 | 3 457 | 3 457 | 3 658 | 3 681 | 3 802 | 4 793 | 5 690 | 5 966 | 6 226 |
| Eq Guinea | 126 | 126 | 126 | 126 | 126 | 126 | 127 | 127 | 127 | 127 |
| Eritrea | 1 | 1 | 9 | 9 | 9 | 11 | 19 | 21 | 23 | 25 |
| Eswatini | 186 | 186 | 169 | 169 | 169 | 169 | 169 | 169 | 169 | 179 |
| Ethiopia | 2 081 | 2 224 | 2 230 | 2 619 | 2 649 | 4 366 | 4 451 | 4 451 | 4 713 | 4 759 |
| Gabon | 172 | 332 | 332 | 333 | 333 | 333 | 333 | 333 | 333 | 333 |
| Gambia | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Ghana | 1 187 | 1 590 | 1 594 | 1 624 | 1 630 | 1 640 | 1 670 | 1 677 | 1 700 | 1 700 |
| Guinea | 129 | 132 | 132 | 382 | 382 | 382 | 382 | 382 | 382 | 832 |
| Guinea Bissau | | | | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Kenya | 1 095 | 1 107 | 1 278 | 1 592 | 1 630 | 1 668 | 2 057 | 2 064 | 2 243 | 2 384 |
| Lesotho | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Liberia | 4 | 4 | 4 | 4 | 26 | 94 | 95 | 95 | 95 | 95 |
| Libya | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| Madagascar | 165 | 167 | 170 | 173 | 175 | 177 | 197 | 197 | 197 | 197 |
| Malawi | 302 | 305 | 371 | 375 | 376 | 383 | 405 | 466 | 467 | 527 |
| Mali | 301 | 363 | 371 | 372 | 373 | 375 | 375 | 375 | 425 | 455 |
| Mauritania | | 22 | 23 | 53 | 69 | 69 | 121 | 122 | 122 | 122 |
| Mauritius | 142 | 145 | 161 | 171 | 189 | 191 | 230 | 246 | 246 | 246 |
| Mayotte | 13 | 13 | 13 | 13 | 13 | 15 | 15 | 15 | 18 | 18 |
| Morocco | 1 597 | 1 837 | 2 143 | 2 307 | 2 412 | 2 540 | 3 272 | 3 272 | 3 452 | 3 522 |
| Mozambique | 2 201 | 2 205 | 2 207 | 2 211 | 2 214 | 2 233 | 2 273 | 2 273 | 2 273 | 2 273 |
| Namibia | 342 | 345 | 347 | 351 | 383 | 427 | 445 | 497 | 501 | 501 |
| Niger | 4 | 5 | 6 | 7 | 8 | 9 | 27 | 27 | 27 | 27 |
| Nigeria | 2 132 | 2 133 | 2 135 | 2 137 | 2 139 | 2 140 | 2 140 | 2 149 | 2 150 | 2 154 |
| Reunion | 345 | 348 | 359 | 380 | 383 | 384 | 386 | 428 | 442 | 454 |
| Rwanda | 58 | 62 | 77 | 109 | 119 | 127 | 137 | 149 | 159 | 159 |
| Sao Tome Prn | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| Senegal | 31 | 32 | 34 | 34 | 67 | 132 | 173 | 251 | 355 | 421 |
| Seychelles | | 6 | 7 | 7 | 8 | 9 | 10 | 10 | 10 | 15 |
| Sierra Leone | 54 | 55 | 90 | 90 | 91 | 99 | 99 | 99 | 99 | 99 |
| Somalia | 2 | 2 | 2 | 3 | 7 | 10 | 11 | 11 | 19 | 27 |
| South Africa | 1 003 | 1 500 | 2 710 | 3 429 | 4 650 | 6 548 | 7 907 | 8 011 | 9 518 | 10 193 |
| South Sudan | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Sudan | 1 529 | 1 536 | 1 538 | 1 541 | 1 547 | 1 557 | 1 740 | 1 761 | 1 798 | 1 817 |
| Tanzania | 638 | 641 | 652 | 659 | 670 | 675 | 679 | 683 | 685 | 685 |
| Togo | 67 | 67 | 67 | 68 | 69 | 69 | 70 | 72 | 73 | 123 |
| Tunisia | 241 | 272 | 312 | 330 | 340 | 349 | 375 | 391 | 406 | 406 |
| Uganda | 616 | 746 | 766 | 782 | 784 | 827 | 907 | 1 177 | 1 194 | 1 199 |
| Zambia | 1 942 | 2 302 | 2 302 | 2 311 | 2 431 | 2 441 | 2 442 | 2 538 | 2 538 | 2 688 |
| Zimbabwe | 854 | 860 | 861 | 878 | 882 | 887 | 1 192 | 1 198 | 1 199 | 1 211 |
| Asia | 478 747 | 553 516 | 632 768 | 722 324 | 813 517 | 921 480 | 1 026 530 | 1 125 936 | 1 301 016 | 1 455 712 |
| Afghanistan | 289 | 294 | 299 | 303 | 349 | 355 | 355 | 364 | 364 | 372 |
| Bangladesh | 291 | 329 | 356 | 382 | 399 | 423 | 439 | 477 | 522 | 567 |
| Bhutan | 1 488 | 1 488 | 1 488 | 1 615 | 1 615 | 1 615 | 1 615 | 2 335 | 2 335 | 2 335 |
| Brunei Darsm | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 |
| Cambodia | 264 | 715 | 973 | 975 | 979 | 1 059 | 1 410 | 1 505 | 1 687 | 1 800 |
| China | 302 101 | 359 516 | 414 651 | 479 103 | 541 016 | 620 856 | 695 463 | 758 844 | 899 625 | 1 020 234 |
| Chinese Taipei | 3 280 | 3 501 | 3 751 | 4 015 | 4 411 | 4 944 | 5 940 | 7 480 | 9 248 | 11 240 |
| India | 60 456 | 63 589 | 71 889 | 78 579 | 90 411 | 105 253 | 118 195 | 128 428 | 134 455 | 147 122 |
| Indonesia | 7 489 | 8 261 | 8 417 | 8 574 | 9 064 | 9 459 | 9 805 | 10 300 | 10 507 | 11 157 |
| Japan | 38 996 | 46 084 | 56 103 | 67 486 | 76 219 | 84 187 | 91 309 | 99 269 | 106 862 | 111 860 |
| Kazakhstan | 2 578 | 2 608 | 2 805 | 2 893 | 2 951 | 3 015 | 3 369 | 4 214 | 4 997 | 7 086 |
| Korea DPR | 4 262 | 4 289 | 4 304 | 4 490 | 4 733 | 4 796 | 4 828 | 4 832 | 4 907 | 4 917 |
| Korea Rep | 3 687 | 4 330 | 5 716 | 7 217 | 9 354 | 11 442 | 13 951 | 18 054 | 20 411 | 24 365 |
| Kyrgyzstan | 3 072 | 3 572 | 3 671 | 3 677 | 3 677 | 3 689 | 3 673 | 3 673 | 3 677 | 3 684 |
| Lao PDR | 2 923 | 2 968 | 3 253 | 4 355 | 4 931 | 5 170 | 5 521 | 6 348 | 7 722 | 8 489 |
| Malaysia | 4 248 | 5 718 | 6 397 | 7 563 | 7 991 | 7 339 | 7 520 | 7 961 | 8 570 | 8 898 |
| Maldives | 3 | 3 | 5 | 6 | 9 | 12 | 18 | 22 | 28 | 32 |
| Mongolia | 35 | 85 | 85 | 85 | 97 | 180 | 251 | 276 | 277 | 277 |
| Myanmar | 2 721 | 2 865 | 3 043 | 3 267 | 3 346 | 3 400 | 3 409 | 3 452 | 3 448 | 3 444 |
| Nepal | 725 | 761 | 778 | 834 | 854 | 1 000 | 1 118 | 1 238 | 1 375 | 2 091 |
| Pakistan | 7 141 | 7 563 | 7 913 | 8 125 | 8 802 | 9 218 | 12 197 | 12 349 | 12 566 | 12 888 |

# Total renewable energy
# Total énergies renouvelables
# Total energías renovables

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Philippines | 4 849 | 4 857 | 5 281 | 5 625 | 6 272 | 6 424 | 6 596 | 6 772 | 6 986 | 7 617 |
| Singapore | 136 | 172 | 209 | 251 | 307 | 327 | 380 | 494 | 554 | 651 |
| Sri Lanka | 1 688 | 1 729 | 1 837 | 1 878 | 1 952 | 2 049 | 2 163 | 2 283 | 2 403 | 2 545 |
| Tajikistan | 4 811 | 4 814 | 5 035 | 5 033 | 5 039 | 5 039 | 5 153 | 5 273 | 5 273 | 5 274 |
| Thailand | 5 677 | 6 677 | 7 373 | 7 902 | 9 369 | 10 147 | 11 215 | 11 700 | 11 824 | 11 885 |
| Timor Leste | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Turkmenistan | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| Uzbekistan | 1 822 | 1 823 | 1 872 | 1 882 | 1 883 | 1 861 | 1 919 | 1 912 | 2 009 | 2 147 |
| Viet Nam | 13 713 | 14 901 | 15 263 | 16 208 | 17 485 | 18 217 | 18 715 | 26 077 | 38 379 | 42 727 |
| | | | | | | | | | | |
| C America + Carib | 9 510 | 9 871 | 10 457 | 11 908 | 13 520 | 14 307 | 15 073 | 16 235 | 16 795 | 17 352 |
| | | | | | | | | | | |
| Anguilla | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 2 |
| Antigua Barb | 0 | 0 | 0 | 3 | 4 | 4 | 9 | 9 | 17 | 17 |
| Aruba | 31 | 32 | 37 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| Bahamas | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Barbados | 2 | 2 | 7 | 9 | 20 | 21 | 22 | 35 | 50 | 50 |
| Belize | 84 | 84 | 85 | 86 | 102 | 110 | 111 | 103 | 103 | 103 |
| BES Islands | 11 | 11 | 11 | 11 | 13 | 16 | 17 | 18 | 18 | 18 |
| Br Virgin Is | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Cayman Is | | | | | 3 | 9 | 10 | 11 | 13 | 14 |
| Costa Rica | 2 153 | 2 174 | 2 245 | 2 359 | 2 894 | 3 010 | 3 075 | 3 144 | 3 124 | 3 189 |
| Cuba | 594 | 555 | 596 | 629 | 610 | 675 | 758 | 1 085 | 1 252 | 1 281 |
| Curacao | 30 | 33 | 38 | 40 | 41 | 58 | 58 | 58 | 60 | 60 |
| Dominica | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Dominican Rep | 717 | 723 | 734 | 745 | 872 | 906 | 1 053 | 1 350 | 1 428 | 1 532 |
| El Salvador | 950 | 974 | 1 010 | 924 | 982 | 1 169 | 1 281 | 1 486 | 1 593 | 1 593 |
| Grenada | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| Guadeloupe | 138 | 144 | 141 | 148 | 148 | 153 | 158 | 185 | 188 | 199 |
| Guatemala | 1 515 | 1 646 | 1 775 | 2 178 | 2 667 | 2 753 | 2 863 | 2 870 | 2 870 | 2 872 |
| Haiti | 57 | 58 | 58 | 58 | 58 | 59 | 80 | 81 | 81 | 81 |
| Honduras | 751 | 839 | 905 | 1 362 | 1 469 | 1 599 | 1 697 | 1 741 | 1 853 | 1 865 |
| Jamaica | 96 | 103 | 105 | 108 | 189 | 217 | 217 | 254 | 254 | 254 |
| Martinique | 63 | 65 | 66 | 69 | 71 | 73 | 112 | 128 | 131 | 132 |
| Montserrat | | | | | | | | 0 | 0 | 1 |
| Nicaragua | 551 | 556 | 596 | 613 | 661 | 674 | 676 | 733 | 733 | 734 |
| Panama | 1 500 | 1 548 | 1 715 | 2 053 | 2 164 | 2 227 | 2 290 | 2 320 | 2 353 | 2 554 |
| Puerto Rico | 248 | 300 | 304 | 435 | 472 | 503 | 508 | 540 | 591 | 721 |
| St Barth | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| St Kitts Nevis | 2 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| St Lucia | 0 | 0 | 0 | 1 | 1 | 1 | 4 | 4 | 4 | 4 |
| St Martin | | 1 | 2 | 3 | 2 | 0 | 0 | 1 | 1 | 1 |
| St Vincent Gren | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 8 | 8 | 8 |
| Trinidad Tobago | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Turks Caicos | | | | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| US Virgin Is | 1 | 1 | 5 | 9 | 9 | 5 | 10 | 10 | 10 | 10 |
| | | | | | | | | | | |
| Eurasia | 76 998 | 81 330 | 84 813 | 88 617 | 91 668 | 96 620 | 100 650 | 104 442 | 110 177 | 115 741 |
| | | | | | | | | | | |
| Armenia | 1 253 | 1 292 | 1 301 | 1 289 | 1 316 | 1 332 | 1 357 | 1 389 | 1 434 | 1 522 |
| Azerbaijan | 1 026 | 1 125 | 1 120 | 1 154 | 1 184 | 1 194 | 1 277 | 1 291 | 1 299 | 1 308 |
| Georgia | 2 710 | 2 734 | 2 872 | 2 877 | 2 936 | 3 178 | 3 172 | 3 461 | 3 345 | 3 461 |
| Russian Fed | 49 823 | 50 629 | 51 581 | 51 781 | 51 787 | 52 170 | 52 614 | 53 913 | 54 900 | 56 217 |
| Turkey | 22 186 | 25 551 | 27 940 | 31 516 | 34 446 | 38 746 | 42 230 | 44 389 | 49 199 | 53 233 |
| | | | | | | | | | | |
| Europe | 395 036 | 418 841 | 439 808 | 464 891 | 488 495 | 512 781 | 537 416 | 574 735 | 608 346 | 647 398 |
| | | | | | | | | | | |
| Albania | 1 629 | 1 782 | 1 726 | 1 799 | 1 914 | 2 049 | 2 107 | 2 177 | 2 307 | 2 312 |
| Andorra | 51 | 51 | 51 | 51 | 51 | 51 | 52 | 53 | 54 | 55 |
| Austria | 16 656 | 17 192 | 17 839 | 18 473 | 19 336 | 19 596 | 20 376 | 20 774 | 21 126 | 22 014 |
| Belarus | 55 | 74 | 81 | 97 | 222 | 300 | 390 | 415 | 492 | 601 |
| Belgium | 5 122 | 5 765 | 5 993 | 6 363 | 6 731 | 7 428 | 8 263 | 9 511 | 11 283 | 12 402 |
| Bosnia Herzg | 1 702 | 1 703 | 1 719 | 1 725 | 1 776 | 1 808 | 1 886 | 1 931 | 2 002 | 1 977 |
| Bulgaria | 4 021 | 4 076 | 4 120 | 4 137 | 4 143 | 4 294 | 4 316 | 4 322 | 4 361 | 4 452 |
| Croatia | 2 332 | 2 475 | 2 577 | 2 713 | 2 793 | 2 916 | 2 979 | 3 068 | 3 255 | 3 454 |
| Cyprus | 173 | 192 | 221 | 244 | 252 | 278 | 289 | 322 | 400 | 486 |
| Czechia | 3 998 | 4 095 | 4 170 | 4 214 | 4 212 | 4 272 | 4 265 | 4 349 | 4 402 | 4 415 |
| Denmark | 5 949 | 6 584 | 6 750 | 7 109 | 7 410 | 8 194 | 8 894 | 8 981 | 9 357 | 10 340 |
| Estonia | 441 | 519 | 561 | 594 | 607 | 615 | 609 | 716 | 829 | 989 |
| Faroe Islands | 48 | 48 | 60 | 60 | 60 | 60 | 56 | 53 | 59 | 59 |
| Finland | 5 213 | 5 516 | 5 747 | 6 142 | 6 746 | 7 512 | 7 563 | 7 890 | 8 774 | 9 629 |
| France | 37 095 | 38 692 | 40 563 | 42 799 | 44 845 | 47 820 | 50 539 | 53 463 | 55 574 | 59 546 |
| Germany | 78 150 | 83 766 | 90 325 | 97 851 | 104 436 | 112 514 | 118 905 | 125 068 | 131 731 | 138 151 |
| Greece | 6 570 | 7 672 | 8 010 | 8 138 | 8 424 | 8 686 | 9 020 | 9 923 | 10 921 | 11 520 |
| Hungary | 724 | 749 | 1 024 | 1 077 | 1 048 | 1 224 | 1 630 | 2 288 | 3 022 | 3 022 |
| Iceland | 2 543 | 2 652 | 2 653 | 2 658 | 2 659 | 2 711 | 2 862 | 2 869 | 2 879 | 2 879 |
| Ireland | 1 999 | 2 227 | 2 592 | 2 760 | 3 117 | 3 676 | 4 046 | 4 529 | 4 744 | 4 813 |
| Italy | 46 721 | 48 857 | 49 526 | 50 417 | 51 195 | 52 128 | 53 161 | 54 373 | 55 493 | 56 987 |
| Kosovo* | 44 | 44 | 44 | 44 | 81 | 121 | 121 | 139 | 137 | 242 |
| Latvia | 1 701 | 1 761 | 1 778 | 1 782 | 1 778 | 1 796 | 1 779 | 1 826 | 1 826 | 1 857 |
| Lithuania | 451 | 532 | 550 | 698 | 775 | 800 | 853 | 896 | 1 038 | 1 266 |
| Luxembourg | 187 | 211 | 225 | 239 | 301 | 318 | 324 | 386 | 430 | 456 |
| Malta | 19 | 32 | 58 | 78 | 98 | 116 | 137 | 160 | 193 | 201 |
| Moldova Rep | 64 | 67 | 69 | 69 | 71 | 82 | 106 | 110 | 112 | 130 |

# Total renewable energy
# Total énergies renouvelables
# Total energías renovables

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Montenegro | 630 | 631 | 655 | 665 | 671 | 750 | 752 | 800 | 821 | 821 |
| Netherlands | 3 473 | 4 169 | 4 661 | 5 738 | 7 200 | 7 924 | 9 867 | 12 580 | 18 477 | 22 954 |
| North Macedonia | 599 | 624 | 682 | 716 | 720 | 731 | 740 | 751 | 825 | 963 |
| Norway | 31 365 | 32 002 | 32 252 | 32 394 | 32 814 | 33 251 | 34 396 | 35 912 | 38 003 | 39 769 |
| Poland | 4 094 | 5 116 | 5 638 | 6 919 | 7 881 | 7 982 | 8 301 | 9 360 | 12 275 | 15 424 |
| Portugal | 10 955 | 11 143 | 11 573 | 12 153 | 13 208 | 13 541 | 13 753 | 14 118 | 14 208 | 15 061 |
| Romania | 8 354 | 10 098 | 11 152 | 11 212 | 11 162 | 11 145 | 11 169 | 11 169 | 11 121 | 11 138 |
| Serbia | 2 363 | 2 331 | 2 422 | 2 439 | 2 460 | 2 480 | 2 694 | 2 910 | 2 928 | 2 964 |
| Slovakia | 2 335 | 2 359 | 2 380 | 2 384 | 2 397 | 2 385 | 2 330 | 2 431 | 2 376 | 2 376 |
| Slovenia | 1 277 | 1 367 | 1 404 | 1 419 | 1 409 | 1 479 | 1 474 | 1 512 | 1 612 | 1 606 |
| Spain | 46 436 | 46 819 | 46 850 | 47 708 | 47 798 | 47 948 | 48 283 | 54 633 | 57 463 | 61 517 |
| Sweden | 24 293 | 24 645 | 25 528 | 26 869 | 27 805 | 28 179 | 29 180 | 31 156 | 31 951 | 34 525 |
| Switzerland | 14 065 | 14 409 | 14 638 | 15 040 | 16 259 | 17 049 | 17 470 | 17 826 | 18 337 | 18 813 |
| UK | 15 902 | 20 027 | 24 895 | 30 800 | 35 433 | 40 043 | 44 028 | 46 800 | 47 387 | 50 293 |
| Ukraine | 5 241 | 5 769 | 6 048 | 6 105 | 6 199 | 6 530 | 7 455 | 12 189 | 13 764 | 14 921 |
| European Union (27) | 319 453 | 337 355 | 352 546 | 371 007 | 387 887 | 405 554 | 423 137 | 450 726 | 479 193 | 511 578 |
| Middle East | 13 661 | 14 452 | 15 916 | 15 851 | 16 723 | 17 093 | 18 537 | 21 557 | 23 005 | 24 049 |
| Bahrain | 1 | 1 | 6 | 6 | 7 | 7 | 7 | 10 | 10 | 12 |
| Iran IR | 9 858 | 10 380 | 10 954 | 10 411 | 10 783 | 11 367 | 11 638 | 11 803 | 11 901 | 11 929 |
| Iraq | 2 274 | 2 304 | 2 311 | 2 311 | 2 311 | 1 594 | 1 594 | 1 594 | 1 594 | 1 594 |
| Israel | 301 | 410 | 623 | 813 | 942 | 1 051 | 1 353 | 2 118 | 2 531 | 2 614 |
| Jordan | 17 | 17 | 17 | 153 | 514 | 624 | 1 009 | 1 588 | 1 996 | 2 171 |
| Kuwait | 0 | 3 | 4 | 6 | 33 | 44 | 55 | 106 | 106 | 106 |
| Lebanon | 285 | 286 | 289 | 296 | 316 | 329 | 352 | 373 | 373 | 373 |
| Oman | | 1 | 1 | 2 | 2 | 8 | 8 | 59 | 162 | 188 |
| Palestine | 1 | 1 | 3 | 12 | 25 | 35 | 40 | 82 | 117 | 117 |
| Qatar | 39 | 40 | 42 | 42 | 43 | 43 | 43 | 43 | 43 | 43 |
| Saudi Arabia | 14 | 22 | 24 | 24 | 24 | 37 | 87 | 113 | 113 | 443 |
| Syrian AR | 857 | 857 | 1 501 | 1 579 | 1 501 | 1 497 | 1 499 | 1 500 | 1 500 | 1 500 |
| United Arab Em | 13 | 128 | 136 | 136 | 142 | 356 | 599 | 1 919 | 2 307 | 2 706 |
| Yemen | 1 | 2 | 5 | 60 | 80 | 100 | 250 | 250 | 253 | 253 |
| N America | 263 279 | 272 622 | 286 380 | 308 002 | 331 723 | 348 336 | 367 056 | 388 933 | 419 978 | 457 857 |
| Canada | 84 363 | 86 409 | 89 354 | 95 457 | 97 328 | 98 501 | 99 807 | 100 392 | 100 632 | 102 932 |
| Greenland | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| Mexico | 14 781 | 15 202 | 16 626 | 17 409 | 19 072 | 19 920 | 22 132 | 25 126 | 26 306 | 29 443 |
| St Pierre Mq | 1 | 1 | | | | | | | | |
| USA | 164 043 | 170 920 | 180 309 | 195 046 | 215 233 | 229 824 | 245 026 | 263 324 | 292 949 | 325 391 |
| Oceania | 22 199 | 23 715 | 25 236 | 26 386 | 27 344 | 28 568 | 30 778 | 36 037 | 42 910 | 45 136 |
| Amer Samoa | 2 | 2 | 2 | 2 | 4 | 4 | 5 | 5 | 5 | 5 |
| Australia | 14 649 | 16 068 | 17 370 | 18 415 | 19 339 | 20 492 | 22 645 | 27 826 | 34 536 | 36 617 |
| Cook Is | 0 | 1 | 2 | 3 | 3 | 3 | 5 | 5 | 5 | 5 |
| Fiji | 191 | 191 | 191 | 193 | 195 | 209 | 212 | 212 | 212 | 220 |
| Fr Polynesia | 61 | 65 | 72 | 76 | 79 | 83 | 85 | 89 | 89 | 89 |
| Guam | 0 | 1 | 1 | 32 | 35 | 35 | 35 | 35 | 35 | 35 |
| Kiribati | 0 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| Marshall Is | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| Micronesia | 1 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 3 | 3 |
| Nauru | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 |
| New Caledon | 119 | 119 | 120 | 123 | 125 | 142 | 145 | 178 | 199 | 199 |
| New Zealand | 6 841 | 6 930 | 7 133 | 7 173 | 7 186 | 7 207 | 7 251 | 7 285 | 7 425 | 7 562 |
| Niue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Palau | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| Papua N Guin | 313 | 314 | 314 | 333 | 333 | 333 | 333 | 335 | 335 | 335 |
| Samoa | 9 | 9 | 13 | 14 | 17 | 27 | 27 | 28 | 29 | 29 |
| Solomon Is | 1 | 1 | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 4 |
| Tokelau | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Tonga | 1 | 2 | 2 | 3 | 3 | 6 | 6 | 8 | 8 | 8 |
| Tuvalu | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Vanuatu | 7 | 7 | 8 | 8 | 9 | 10 | 11 | 12 | 12 | 12 |
| S America | 156 047 | 161 153 | 170 280 | 178 690 | 193 299 | 202 433 | 213 012 | 223 237 | 231 432 | 244 975 |
| Argentina | 10 528 | 10 590 | 10 606 | 10 655 | 10 670 | 10 757 | 11 510 | 12 690 | 14 072 | 15 027 |
| Bolivia | 591 | 592 | 628 | 638 | 669 | 796 | 923 | 1 057 | 1 068 | 1 233 |
| Brazil | 96 117 | 99 835 | 106 445 | 112 641 | 121 374 | 128 417 | 136 579 | 144 552 | 150 046 | 159 943 |
| Chile | 7 056 | 7 678 | 8 329 | 8 452 | 9 299 | 10 289 | 10 856 | 11 498 | 12 619 | 14 890 |
| Colombia | 9 979 | 10 075 | 11 134 | 11 757 | 11 888 | 12 071 | 12 194 | 12 291 | 12 387 | 12 553 |
| Ecuador | 2 368 | 2 388 | 2 440 | 2 599 | 4 640 | 4 714 | 5 266 | 5 277 | 5 298 | 5 300 |
| Falklands Malv | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Fr Guiana | 157 | 158 | 158 | 168 | 168 | 168 | 168 | 171 | 179 | 179 |
| Guyana | 54 | 55 | 55 | 55 | 46 | 48 | 51 | 53 | 53 | 53 |
| Paraguay | 8 810 | 8 849 | 8 849 | 8 849 | 8 849 | 8 849 | 8 849 | 8 832 | 8 832 | 8 832 |
| Peru | 3 713 | 3 784 | 4 055 | 4 647 | 5 725 | 5 820 | 6 100 | 6 289 | 6 345 | 6 431 |
| South Georgia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Suriname | 181 | 181 | 186 | 188 | 188 | 189 | 190 | 190 | 191 | 191 |
| Uruguay | 1 834 | 2 012 | 2 437 | 2 825 | 3 184 | 3 716 | 3 727 | 3 736 | 3 741 | 3 741 |
| Venezuela | 14 656 | 14 954 | 14 955 | 15 214 | 16 597 | 16 597 | 16 596 | 16 598 | 16 598 | 16 598 |

# Hydropower
# Hydroélectricité
# Hidroeléctrica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 1 090 111 | 1 137 100 | 1 175 994 | 1 210 655 | 1 245 903 | 1 270 876 | 1 293 619 | 1 311 765 | 1 335 114 | 1 360 054 |
| Africa | 27 371 | 28 565 | 28 653 | 29 181 | 31 107 | 34 215 | 35 595 | 36 312 | 36 921 | 37 525 |
| Algeria | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 | 228 |
| Angola | 873 | 953 | 969 | 969 | 1 700 | 2 393 | 3 061 | 3 395 | 3 729 | 3 729 |
| Benin | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Burkina Faso | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 35 | 35 | 35 |
| Burundi | 51 | 51 | 51 | 51 | 51 | 48 | 48 | 48 | 48 | 48 |
| Cameroon | 729 | 733 | 733 | 733 | 733 | 732 | 732 | 812 | 812 | 812 |
| Cent Afr Rep | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| Comoros | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Congo DR | 2 514 | 2 515 | 2 515 | 2 528 | 2 542 | 2 553 | 2 713 | 2 723 | 2 723 | 2 723 |
| Congo Rep | 194 | 194 | 194 | 194 | 201 | 214 | 214 | 214 | 214 | 214 |
| Cote d Ivoire | 604 | 604 | 604 | 604 | 604 | 879 | 879 | 879 | 879 | 879 |
| Egypt | 2 800 | 2 800 | 2 800 | 2 800 | 2 800 | 2 800 | 2 832 | 2 832 | 2 832 | 2 832 |
| Eq Guinea | 126 | 126 | 126 | 126 | 126 | 126 | 127 | 127 | 127 | 127 |
| Eswatini | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 62 |
| Ethiopia | 1 972 | 1 972 | 1 972 | 2 159 | 2 159 | 3 817 | 3 817 | 3 817 | 4 071 | 4 071 |
| Gabon | 170 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 | 330 |
| Ghana | 1 180 | 1 580 | 1 580 | 1 584 | 1 584 | 1 584 | 1 584 | 1 584 | 1 584 | 1 584 |
| Guinea | 128 | 128 | 128 | 368 | 368 | 368 | 368 | 368 | 368 | 818 |
| Kenya | 814 | 822 | 822 | 828 | 832 | 843 | 846 | 851 | 851 | 851 |
| Lesotho | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Liberia | 4 | 4 | 4 | 4 | 26 | 92 | 92 | 92 | 92 | 92 |
| Madagascar | 162 | 162 | 163 | 164 | 164 | 164 | 164 | 164 | 164 | 164 |
| Malawi | 287 | 287 | 351 | 351 | 352 | 352 | 367 | 374 | 374 | 374 |
| Mali | 253 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 |
| Mauritius | 60 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 | 61 |
| Morocco | 1 770 | 1 770 | 1 770 | 1 770 | 1 770 | 1 770 | 1 770 | 1 770 | 1 770 | 1 770 |
| Mozambique | 2 186 | 2 186 | 2 186 | 2 187 | 2 187 | 2 204 | 2 204 | 2 204 | 2 204 | 2 204 |
| Namibia | 330 | 330 | 330 | 330 | 347 | 347 | 347 | 347 | 351 | 351 |
| Nigeria | 2 110 | 2 110 | 2 110 | 2 111 | 2 111 | 2 111 | 2 111 | 2 111 | 2 111 | 2 111 |
| Reunion | 133 | 134 | 134 | 134 | 133 | 133 | 133 | 133 | 133 | 133 |
| Rwanda | 57 | 60 | 66 | 94 | 98 | 99 | 99 | 110 | 120 | 120 |
| Sao Tome Prn | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Sierra Leone | 54 | 54 | 56 | 56 | 56 | 61 | 61 | 61 | 61 | 61 |
| South Africa | 2 135 | 2 135 | 2 133 | 2 148 | 3 147 | 3 480 | 3 480 | 3 480 | 3 480 | 3 484 |
| Sudan | 1 322 | 1 322 | 1 322 | 1 322 | 1 322 | 1 322 | 1 482 | 1 482 | 1 482 | 1 482 |
| Tanzania | 571 | 571 | 571 | 576 | 582 | 583 | 583 | 589 | 589 | 589 |
| Togo | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 |
| Tunisia | 62 | 62 | 62 | 62 | 62 | 62 | 66 | 66 | 66 | 66 |
| Uganda | 582 | 692 | 692 | 695 | 695 | 707 | 744 | 1 004 | 1 011 | 1 011 |
| Zambia | 1 900 | 2 260 | 2 260 | 2 268 | 2 388 | 2 398 | 2 398 | 2 399 | 2 399 | 2 549 |
| Zimbabwe | 753 | 758 | 758 | 773 | 777 | 781 | 1 081 | 1 081 | 1 081 | 1 081 |
| Asia | 414 318 | 451 248 | 479 635 | 500 107 | 516 267 | 531 202 | 544 168 | 554 578 | 569 777 | 594 269 |
| Afghanistan | 273 | 277 | 280 | 284 | 329 | 333 | 333 | 333 | 333 | 340 |
| Bangladesh | 220 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 | 230 |
| Bhutan | 1 488 | 1 488 | 1 488 | 1 614 | 1 614 | 1 614 | 1 614 | 2 334 | 2 334 | 2 334 |
| Cambodia | 225 | 683 | 929 | 930 | 930 | 980 | 1 330 | 1 330 | 1 330 | 1 330 |
| China | 249 470 | 280 440 | 304 860 | 319 530 | 332 070 | 343 775 | 352 261 | 358 040 | 370 280 | 390 920 |
| Chinese Taipei | 4 683 | 4 683 | 4 683 | 4 691 | 4 691 | 4 691 | 4 694 | 4 695 | 4 695 | 4 696 |
| India | 43 031 | 44 174 | 45 406 | 47 104 | 47 622 | 49 521 | 50 102 | 50 279 | 50 764 | 51 565 |
| Indonesia | 4 156 | 5 177 | 5 242 | 5 322 | 5 666 | 5 703 | 5 773 | 5 976 | 6 141 | 6 602 |
| Japan | 48 934 | 48 932 | 49 597 | 50 035 | 50 117 | 50 014 | 50 037 | 50 033 | 50 041 | 50 019 |
| Kazakhstan | 2 574 | 2 588 | 2 675 | 2 678 | 2 696 | 2 726 | 2 756 | 2 778 | 2 785 | 3 066 |
| Korea DPR | 4 260 | 4 283 | 4 293 | 4 467 | 4 701 | 4 761 | 4 790 | 4 790 | 4 865 | 4 865 |
| Korea Rep | 6 447 | 6 452 | 6 467 | 6 471 | 6 485 | 6 489 | 6 490 | 6 509 | 6 506 | 6 541 |
| Kyrgyzstan | 3 072 | 3 572 | 3 671 | 3 677 | 3 677 | 3 689 | 3 673 | 3 673 | 3 677 | 3 684 |
| Lao PDR | 2 922 | 2 928 | 3 212 | 4 313 | 4 889 | 5 122 | 5 382 | 6 209 | 7 583 | 8 349 |
| Malaysia | 3 449 | 4 535 | 4 761 | 5 742 | 6 121 | 6 145 | 6 165 | 6 185 | 6 197 | 6 211 |
| Mongolia | 29 | 29 | 29 | 29 | 31 | 31 | 31 | 31 | 31 | 31 |
| Myanmar | 2 673 | 2 812 | 2 985 | 3 198 | 3 264 | 3 304 | 3 304 | 3 304 | 3 304 | 3 304 |
| Nepal | 709 | 744 | 759 | 814 | 834 | 939 | 1 059 | 1 180 | 1 302 | 1 992 |
| Pakistan | 6 777 | 7 088 | 7 218 | 7 218 | 7 248 | 7 400 | 9 900 | 9 917 | 10 037 | 10 037 |
| Philippines | 3 579 | 3 579 | 3 594 | 3 613 | 3 623 | 3 632 | 3 719 | 3 761 | 3 780 | 3 785 |
| Sri Lanka | 1 590 | 1 622 | 1 670 | 1 689 | 1 728 | 1 747 | 1 798 | 1 815 | 1 799 | 1 799 |
| Tajikistan | 4 811 | 4 814 | 5 035 | 5 033 | 5 039 | 5 039 | 5 153 | 5 273 | 5 273 | 5 274 |
| Thailand | 3 568 | 3 575 | 3 608 | 3 639 | 3 649 | 3 649 | 3 667 | 3 667 | 3 667 | 3 667 |
| Timor Leste | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Turkmenistan | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| Uzbekistan | 1 822 | 1 822 | 1 871 | 1 880 | 1 880 | 1 858 | 1 915 | 1 908 | 2 005 | 2 043 |
| Viet Nam | 13 552 | 14 718 | 15 069 | 15 905 | 17 131 | 17 809 | 17 989 | 20 326 | 20 817 | 21 582 |
| C America + Carib | 6 265 | 6 355 | 6 578 | 6 850 | 7 667 | 7 903 | 8 046 | 8 147 | 8 266 | 8 306 |
| Belize | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| Costa Rica | 1 749 | 1 762 | 1 782 | 1 811 | 2 256 | 2 350 | 2 373 | 2 343 | 2 332 | 2 379 |
| Cuba | 62 | 63 | 63 | 63 | 66 | 66 | 64 | 72 | 72 | 72 |
| Dominica | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Dominican Rep | 613 | 614 | 617 | 617 | 617 | 617 | 617 | 618 | 625 | 625 |
| El Salvador | 487 | 487 | 488 | 494 | 494 | 574 | 574 | 573 | 573 | 573 |

# Hydropower
# Hydroélectricité
# Hidroeléctrica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Guadeloupe | 9 | 9 | 9 | 9 | 9 | 11 | 11 | 11 | 11 | 11 |
| Guatemala | 986 | 997 | 1 001 | 1 087 | 1 392 | 1 438 | 1 502 | 1 574 | 1 577 | 1 579 |
| Haiti | 56 | 56 | 56 | 56 | 56 | 56 | 78 | 78 | 78 | 78 |
| Honduras | 539 | 558 | 624 | 656 | 670 | 676 | 714 | 729 | 837 | 849 |
| Jamaica | 23 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Nicaragua | 106 | 120 | 120 | 138 | 142 | 142 | 142 | 157 | 157 | 158 |
| Panama | 1 469 | 1 494 | 1 623 | 1 725 | 1 769 | 1 777 | 1 777 | 1 796 | 1 808 | 1 786 |
| Puerto Rico | 100 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 |
| St Vincent Gren | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Eurasia | 74 340 | 77 952 | 80 223 | 82 610 | 83 479 | 84 566 | 85 705 | 86 718 | 89 220 | 89 922 |
| Armenia | 1 249 | 1 289 | 1 298 | 1 287 | 1 312 | 1 327 | 1 336 | 1 336 | 1 336 | 1 336 |
| Azerbaijan | 1 023 | 1 084 | 1 078 | 1 103 | 1 105 | 1 106 | 1 131 | 1 145 | 1 149 | 1 152 |
| Georgia | 2 710 | 2 734 | 2 872 | 2 877 | 2 916 | 3 158 | 3 152 | 3 439 | 3 323 | 3 439 |
| Russian Fed | 49 749 | 50 556 | 51 332 | 51 475 | 51 466 | 51 702 | 51 795 | 52 295 | 52 427 | 52 501 |
| Turkey | 19 609 | 22 289 | 23 643 | 25 868 | 26 681 | 27 273 | 28 291 | 28 503 | 30 984 | 31 493 |
| Europe | 209 203 | 211 130 | 211 880 | 214 432 | 217 891 | 219 575 | 220 613 | 221 539 | 222 656 | 224 067 |
| Albania | 1 628 | 1 781 | 1 725 | 1 798 | 1 913 | 2 047 | 2 105 | 2 162 | 2 289 | 2 289 |
| Andorra | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 | 46 |
| Austria | 13 309 | 13 383 | 13 532 | 13 650 | 14 116 | 14 150 | 14 516 | 14 597 | 14 605 | 14 546 |
| Belarus | 32 | 32 | 33 | 34 | 74 | 95 | 95 | 95 | 96 | 96 |
| Belgium | 1 427 | 1 429 | 1 431 | 1 422 | 1 419 | 1 417 | 1 418 | 1 414 | 1 416 | 1 417 |
| Bosnia Herzg | 2 121 | 2 122 | 2 131 | 2 137 | 2 180 | 2 211 | 2 236 | 2 239 | 2 249 | 2 206 |
| Bulgaria | 3 181 | 3 203 | 3 219 | 3 219 | 3 223 | 3 372 | 3 379 | 3 378 | 3 376 | 3 376 |
| Croatia | 2 129 | 2 178 | 2 180 | 2 195 | 2 192 | 2 193 | 2 200 | 2 200 | 2 200 | 2 202 |
| Czechia | 2 212 | 2 252 | 2 252 | 2 260 | 2 262 | 2 265 | 2 264 | 2 265 | 2 265 | 2 283 |
| Denmark | 9 | 9 | 9 | 7 | 9 | 7 | 7 | 7 | 7 | 7 |
| Estonia | 8 | 8 | 5 | 6 | 6 | 7 | 7 | 6 | 8 | 9 |
| Faroe Islands | 39 | 39 | 39 | 39 | 39 | 39 | 40 | 40 | 40 | 40 |
| Finland | 3 080 | 3 108 | 3 132 | 3 133 | 3 133 | 3 156 | 3 152 | 3 157 | 3 164 | 3 178 |
| France | 25 657 | 25 646 | 25 577 | 25 552 | 25 621 | 25 707 | 25 727 | 25 869 | 25 712 | 25 712 |
| Germany | 11 257 | 11 239 | 11 234 | 11 255 | 11 207 | 11 120 | 10 684 | 10 733 | 10 792 | 10 653 |
| Greece | 3 236 | 3 238 | 3 389 | 3 392 | 3 392 | 3 392 | 3 409 | 3 412 | 3 417 | 3 424 |
| Hungary | 56 | 57 | 57 | 57 | 57 | 57 | 57 | 58 | 58 | 58 |
| Iceland | 1 877 | 1 984 | 1 984 | 1 987 | 1 987 | 1 995 | 2 099 | 2 104 | 2 114 | 2 114 |
| Ireland | 529 | 529 | 529 | 529 | 529 | 529 | 529 | 529 | 529 | 529 |
| Italy | 21 880 | 22 009 | 22 098 | 22 220 | 22 298 | 22 426 | 22 499 | 22 541 | 22 695 | 22 712 |
| Kosovo* | 43 | 43 | 43 | 43 | 78 | 80 | 80 | 95 | 95 | 95 |
| Latvia | 1 576 | 1 587 | 1 588 | 1 588 | 1 564 | 1 564 | 1 565 | 1 587 | 1 586 | 1 596 |
| Lithuania | 876 | 876 | 877 | 877 | 877 | 877 | 877 | 877 | 877 | 886 |
| Luxembourg | 1 134 | 1 134 | 1 330 | 1 330 | 1 330 | 1 331 | 1 330 | 1 330 | 1 331 | 1 331 |
| Moldova Rep | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 64 |
| Montenegro | 629 | 630 | 653 | 662 | 668 | 675 | 676 | 676 | 697 | 697 |
| Netherlands | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| North Macedonia | 595 | 617 | 630 | 658 | 661 | 671 | 674 | 678 | 684 | 822 |
| Norway | 30 509 | 31 033 | 31 240 | 31 372 | 31 817 | 31 912 | 32 530 | 32 797 | 33 732 | 34 813 |
| Poland | 2 351 | 2 355 | 2 364 | 2 370 | 2 385 | 2 390 | 2 391 | 2 397 | 2 400 | 2 384 |
| Portugal | 5 712 | 5 661 | 5 715 | 6 168 | 6 960 | 7 226 | 7 236 | 7 262 | 7 241 | 7 241 |
| Romania | 6 548 | 6 610 | 6 613 | 6 730 | 6 734 | 6 692 | 6 701 | 6 686 | 6 652 | 6 655 |
| Serbia | 2 966 | 2 931 | 3 017 | 3 022 | 3 030 | 3 038 | 3 043 | 3 074 | 3 082 | 3 097 |
| Slovakia | 2 522 | 2 523 | 2 523 | 2 522 | 2 524 | 2 523 | 2 528 | 2 527 | 2 529 | 2 529 |
| Slovenia | 1 254 | 1 299 | 1 296 | 1 295 | 1 293 | 1 347 | 1 343 | 1 351 | 1 352 | 1 358 |
| Spain | 18 550 | 19 185 | 19 223 | 20 053 | 20 080 | 20 079 | 20 080 | 20 114 | 20 117 | 20 116 |
| Sweden | 16 414 | 16 494 | 15 996 | 16 329 | 16 466 | 16 502 | 16 431 | 16 462 | 16 406 | 16 406 |
| Switzerland | 13 803 | 13 817 | 13 744 | 13 815 | 14 806 | 15 353 | 15 542 | 15 574 | 15 594 | 15 594 |
| UK | 4 437 | 4 453 | 4 474 | 4 677 | 4 733 | 4 770 | 4 773 | 4 773 | 4 775 | 4 793 |
| Ukraine | 5 470 | 5 489 | 5 851 | 5 883 | 6 079 | 6 213 | 6 243 | 6 325 | 6 328 | 6 656 |
| European Union (27) | 145 205 | 146 311 | 146 468 | 148 457 | 149 976 | 150 628 | 150 630 | 151 060 | 151 035 | 150 908 |
| Middle East | 13 410 | 13 930 | 15 094 | 15 669 | 15 891 | 15 545 | 15 691 | 15 774 | 16 084 | 16 084 |
| Iran IR | 9 745 | 10 265 | 10 785 | 11 278 | 11 578 | 11 953 | 12 099 | 12 182 | 12 193 | 12 193 |
| Iraq | 2 514 | 2 514 | 2 514 | 2 514 | 2 514 | 1 797 | 1 797 | 1 797 | 1 797 | 1 797 |
| Israel | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 306 | 306 |
| Jordan | 12 | 12 | 12 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| Lebanon | 282 | 282 | 282 | 282 | 282 | 282 | 282 | 282 | 282 | 282 |
| Syrian AR | 850 | 850 | 1 494 | 1 572 | 1 494 | 1 490 | 1 490 | 1 490 | 1 490 | 1 490 |
| N America | 188 361 | 188 824 | 190 191 | 193 959 | 195 667 | 196 268 | 196 931 | 196 810 | 199 933 | 197 396 |
| Canada | 75 537 | 75 511 | 75 474 | 79 405 | 80 304 | 80 831 | 81 396 | 81 399 | 81 404 | 82 740 |
| Greenland | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| Mexico | 11 626 | 11 633 | 12 464 | 12 223 | 12 580 | 12 642 | 12 642 | 12 671 | 12 671 | 12 671 |
| USA | 101 107 | 101 589 | 102 162 | 102 240 | 102 692 | 102 703 | 102 801 | 102 649 | 105 767 | 101 894 |
| Oceania | 14 153 | 14 165 | 14 166 | 14 184 | 14 184 | 14 189 | 14 441 | 14 450 | 14 453 | 14 453 |
| Australia | 8 271 | 8 271 | 8 271 | 8 271 | 8 271 | 8 271 | 8 523 | 8 523 | 8 523 | 8 523 |
| Fiji | 139 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 |
| Fr Polynesia | 47 | 47 | 47 | 47 | 47 | 48 | 48 | 48 | 48 | 48 |

# Hydropower
# Hydroélectricité
# Hidroeléctrica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Micronesia | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| New Caledon | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 81 | 81 |
| New Zealand | 5 368 | 5 381 | 5 381 | 5 381 | 5 381 | 5 381 | 5 381 | 5 389 | 5 389 | 5 389 |
| Papua N Guin | 240 | 240 | 240 | 258 | 258 | 258 | 258 | 258 | 258 | 258 |
| Samoa | 9 | 9 | 9 | 9 | 9 | 12 | 13 | 14 | 14 | 14 |
| Solomon Is | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vanuatu | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| S America | 142 690 | 144 931 | 149 575 | 153 663 | 163 748 | 167 414 | 172 429 | 177 436 | 177 804 | 178 033 |
| Argentina | 11 110 | 11 110 | 11 112 | 11 182 | 11 244 | 11 247 | 11 292 | 11 314 | 11 348 | 11 350 |
| Bolivia | 501 | 501 | 494 | 495 | 495 | 620 | 666 | 736 | 736 | 736 |
| Brazil | 84 294 | 86 019 | 89 194 | 91 651 | 96 930 | 100 333 | 104 482 | 109 143 | 109 318 | 109 426 |
| Chile | 5 993 | 6 095 | 6 446 | 6 500 | 6 672 | 6 685 | 6 680 | 6 683 | 6 773 | 6 807 |
| Colombia | 9 777 | 9 868 | 10 900 | 11 501 | 11 611 | 11 731 | 11 842 | 11 926 | 11 954 | 11 954 |
| Ecuador | 2 264 | 2 264 | 2 248 | 2 408 | 4 447 | 4 516 | 5 066 | 5 076 | 5 098 | 5 099 |
| Fr Guiana | 119 | 119 | 119 | 119 | 119 | 119 | 119 | 119 | 119 | 119 |
| Guyana | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Paraguay | 8 810 | 8 810 | 8 810 | 8 810 | 8 810 | 8 810 | 8 810 | 8 810 | 8 810 | 8 810 |
| Peru | 3 479 | 3 544 | 3 651 | 4 139 | 5 179 | 5 112 | 5 230 | 5 387 | 5 406 | 5 490 |
| South Georgia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Suriname | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 |
| Uruguay | 1 538 | 1 538 | 1 538 | 1 538 | 1 538 | 1 538 | 1 538 | 1 538 | 1 538 | 1 538 |
| Venezuela | 14 624 | 14 881 | 14 881 | 15 138 | 16 521 | 16 521 | 16 521 | 16 521 | 16 521 | 16 521 |

# Renewable hydropower (including mixed plants)
# Hydroélectricité renouvelable (y compris les centrales mixtes)
# Hidroeléctrica renovable (incluidas las plantas mixtas)

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 984 506 | 1 029 368 | 1 066 520 | 1 098 751 | 1 128 966 | 1 151 032 | 1 173 258 | 1 191 156 | 1 211 092 | 1 230 040 |
| Africa | 25 507 | 26 701 | 26 789 | 27 317 | 28 244 | 31 019 | 32 399 | 33 116 | 33 725 | 34 329 |
| Algeria | 228 | 228 | 228 | 228 | 228 | 228 e | 228 e | 228 e | 228 e | 228 e |
| Angola | 873 u | 953 u | 969 u | 969 e | 1 700 u | 2 393 u | 3 061 e | 3 395 e | 3 729 e | 3 729 e |
| Benin | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 e | 1 e | 1 e |
| Burkina Faso | 32 o | 32 o | 32 o | 32 o | 32 o | 32 o | 32 e | 35 e | 35 e | 35 e |
| Burundi | 51 o | 51 o | 51 o | 51 o | 51 o | 48 e | 48 e | 48 e | 48 e | 48 e |
| Cameroon | 729 e | 733 o | 733 e | 733 e | 733 e | 732 e | 732 e | 812 e | 812 e | 812 e |
| Cent Afr Rep | 19 e | 19 e | 19 e | 19 e | 19 e | 19 e | 19 e | 19 e | 19 e | 19 e |
| Comoros | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Congo DR | 2 514 e | 2 515 e | 2 515 e | 2 528 e | 2 542 e | 2 553 e | 2 713 u | 2 723 e | 2 723 e | 2 723 e |
| Congo Rep | 194 e | 194 e | 194 e | 194 e | 201 u | 214 u | 214 u | 214 e | 214 e | 214 e |
| Cote d Ivoire | 604 o | 604 o | 604 o | 604 o | 604 o | 879 u | 879 e | 879 e | 879 e | 879 e |
| Egypt | 2 800 o | 2 800 o | 2 800 o | 2 800 o | 2 800 o | 2 800 o | 2 832 o | 2 832 o | 2 832 e | 2 832 e |
| Eq Guinea | 126 o | 126 o | 126 o | 126 o | 126 o | 126 e | 127 o | 127 e | 127 e | 127 e |
| Eswatini | 62 | 62 | 62 | 62 | 62 e | 62 e | 62 e | 62 e | 62 e | 62 e |
| Ethiopia | 1 972 e | 1 972 e | 1 972 e | 2 159 e | 2 159 | 3 817 | 3 817 e | 3 817 e | 4 071 | 4 071 |
| Gabon | 170 e | 330 e | 330 e | 330 e | 330 e | 330 e | 330 e | 330 e | 330 e | 330 e |
| Ghana | 1 180 o | 1 580 o | 1 580 o | 1 584 o | 1 584 o | 1 584 o | 1 584 e | 1 584 e | 1 584 o | 1 584 e |
| Guinea | 128 o | 128 o | 128 o | 368 o | 368 o | 368 e | 368 e | 368 e | 368 e | 818 e |
| Kenya | 814 e | 822 e | 822 e | 828 e | 832 e | 843 e | 846 e | 851 e | 851 e | 851 e |
| Lesotho | 75 | 75 | 75 | 75 e | 75 e | 75 e | 75 e | 75 e | 75 e | 75 e |
| Liberia | 4 e | 4 e | 4 e | 4 e | 26 e | 92 e | 92 e | 92 e | 92 e | 92 e |
| Madagascar | 162 o | 162 o | 163 o | 164 o | 164 o | 164 e | 164 e | 164 e | 164 e | 164 e |
| Malawi | 287 e | 287 e | 351 e | 351 e | 352 e | 352 e | 367 e | 374 e | 374 e | 374 e |
| Mali | 253 e | 315 e | 315 e | 315 e | 315 e | 315 e | 315 e | 315 e | 315 e | 315 e |
| Mauritius | 60 | 61 | 61 | 61 | 61 o | 61 e | 61 e | 61 e | 61 e | 61 e |
| Morocco | 1 306 | 1 306 | 1 306 | 1 306 | 1 306 | 1 306 | 1 306 | 1 306 e | 1 306 e | 1 306 e |
| Mozambique | 2 186 e | 2 186 e | 2 186 e | 2 187 e | 2 187 e | 2 204 e | 2 204 e | 2 204 e | 2 204 e | 2 204 e |
| Namibia | 330 | 330 | 330 | 330 | 347 | 347 o | 347 o | 347 | 351 u | 351 e |
| Nigeria | 2 110 o | 2 110 o | 2 110 o | 2 111 o | 2 111 o | 2 111 o | 2 111 o | 2 111 e | 2 111 e | 2 111 e |
| Reunion | 133 o | 134 o | 134 o | 134 o | 133 o | 133 o | 133 e | 133 e | 133 e | 133 e |
| Rwanda | 57 o | 60 o | 66 o | 94 o | 98 o | 99 e | 99 e | 110 e | 120 e | 120 e |
| Sao Tome Prn | 2 o | 2 o | 2 o | 2 o | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e |
| Sierra Leone | 54 e | 54 e | 56 e | 56 e | 56 e | 61 e | 61 e | 61 e | 61 e | 61 e |
| South Africa | 735 e | 735 e | 733 e | 748 e | 748 e | 748 e | 748 e | 748 e | 748 e | 752 e |
| Sudan | 1 322 o | 1 322 o | 1 322 o | 1 322 o | 1 322 o | 1 322 o | 1 482 o | 1 482 o | 1 482 o | 1 482 e |
| Tanzania | 571 e | 571 e | 571 e | 576 e | 582 e | 583 e | 583 e | 589 e | 589 e | 589 e |
| Togo | 67 o | 67 o | 67 o | 67 o | 67 o | 67 o | 67 o | 67 e | 67 e | 67 e |
| Tunisia | 62 o | 62 o | 62 o | 62 o | 62 o | 62 o | 66 o | 66 o | 66 o | 66 o |
| Uganda | 582 o | 692 e | 692 e | 695 e | 695 e | 707 e | 744 e | 1 004 e | 1 011 e | 1 011 e |
| Zambia | 1 900 o | 2 260 o | 2 260 o | 2 268 o | 2 388 o | 2 398 o | 2 398 o | 2 399 e | 2 399 e | 2 549 e |
| Zimbabwe | 753 | 758 | 758 | 773 e | 777 e | 781 e | 1 081 e | 1 081 e | 1 081 e | 1 081 e |
| Asia | 359 483 | 395 212 | 422 417 | 441 769 | 454 270 | 466 534 | 478 900 | 489 011 | 504 179 | 522 601 |
| Afghanistan | 273 e | 277 e | 280 e | 284 e | 329 e | 333 e | 333 e | 333 e | 333 e | 340 e |
| Bangladesh | 220 o | 230 o | 230 o | 230 o | 230 o | 230 o | 230 e | 230 o | 230 o | 230 o |
| Bhutan | 1 488 o | 1 488 o | 1 488 o | 1 614 o | 1 614 o | 1 614 o | 1 614 o | 2 334 u | 2 334 e | 2 334 e |
| Cambodia | 225 o | 683 o | 929 o | 930 o | 930 o | 980 o | 1 330 o | 1 330 e | 1 330 o | 1 330 e |
| China | 229 138 | 258 908 | 282 750 | 296 500 | 305 380 | 314 385 | 322 271 | 327 750 o | 339 960 o | 354 530 o |
| Chinese Taipei | 2 081 o | 2 081 o | 2 081 o | 2 089 o | 2 089 o | 2 089 o | 2 092 o | 2 093 o | 2 093 o | 2 094 o |
| India | 38 245 e | 39 388 e | 40 621 e | 42 319 e | 42 836 e | 44 735 e | 45 316 e | 45 494 o | 45 979 e | 46 779 e |
| Indonesia | 4 156 e | 5 177 e | 5 242 e | 5 322 e | 5 666 e | 5 703 e | 5 773 o | 5 976 o | 6 141 o | 6 602 o |
| Japan | 27 815 | 27 813 | 27 873 | 28 111 | 28 193 | 28 120 e | 28 143 e | 28 139 o | 28 147 o | 28 125 o |
| Kazakhstan | 2 574 o | 2 588 o | 2 675 | 2 678 | 2 696 | 2 726 | 2 756 u | 2 778 e | 2 785 | 3 066 o |
| Korea DPR | 4 260 o | 4 283 o | 4 293 o | 4 467 o | 4 701 o | 4 761 o | 4 790 o | 4 790 o | 4 865 o | 4 865 e |
| Korea Rep | 1 747 | 1 752 | 1 767 | 1 771 | 1 785 | 1 789 | 1 790 | 1 809 | 1 806 o | 1 841 o |
| Kyrgyzstan | 3 072 | 3 572 | 3 671 | 3 677 | 3 677 | 3 689 | 3 673 o | 3 673 e | 3 677 | 3 684 u |
| Lao PDR | 2 922 u | 2 928 u | 3 212 u | 4 313 u | 4 889 u | 5 122 u | 5 382 u | 6 209 e | 7 583 e | 8 349 e |
| Malaysia | 3 449 e | 4 535 e | 4 761 e | 5 742 e | 6 121 e | 6 145 e | 6 165 e | 6 185 e | 6 197 e | 6 211 e |
| Mongolia | 29 e | 29 e | 29 e | 29 e | 31 e | 31 e | 31 o | 31 e | 31 | 31 e |
| Myanmar | 2 673 e | 2 812 e | 2 985 e | 3 198 e | 3 264 e | 3 304 e | 3 304 e | 3 304 e | 3 304 e | 3 304 e |
| Nepal | 709 o | 744 o | 759 o | 814 o | 834 o | 939 o | 1 059 e | 1 180 e | 1 302 e | 1 992 e |
| Pakistan | 6 777 e | 7 088 e | 7 218 e | 7 218 e | 7 248 e | 7 400 e | 9 900 e | 9 917 e | 10 037 e | 10 037 e |
| Philippines | 2 843 o | 2 843 o | 2 858 o | 2 877 o | 2 887 o | 2 896 o | 2 983 o | 3 025 o | 3 044 o | 3 049 e |
| Sri Lanka | 1 590 e | 1 622 e | 1 670 e | 1 689 e | 1 728 e | 1 747 e | 1 798 e | 1 815 e | 1 799 e | 1 799 e |
| Tajikistan | 4 811 | 4 814 | 5 035 | 5 033 o | 5 039 | 5 039 | 5 153 e | 5 273 e | 5 273 | 5 274 e |
| Thailand | 3 008 o | 3 015 o | 3 048 o | 3 079 o | 3 089 o | 3 089 o | 3 107 o | 3 107 o | 3 107 o | 3 107 e |
| Timor Leste | 0 o | 0 o | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Turkmenistan | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 e | 1 | 2 e |
| Uzbekistan | 1 822 | 1 822 | 1 871 | 1 880 | 1 880 | 1 858 | 1 915 o | 1 908 | 2 005 | 2 043 e |
| Viet Nam | 13 552 e | 14 718 e | 15 069 e | 15 905 e | 17 131 e | 17 809 e | 17 989 e | 20 326 e | 20 817 e | 21 582 e |
| C America + Carib | 6 265 | 6 355 | 6 578 | 6 850 | 7 667 | 7 903 | 8 046 | 8 147 | 8 266 | 8 306 |
| Belize | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 e |
| Costa Rica | 1 749 | 1 762 | 1 782 | 1 811 | 2 256 | 2 350 | 2 373 o | 2 343 o | 2 332 o | 2 379 o |
| Cuba | 62 | 63 | 63 | 63 | 66 | 66 | 64 o | 72 o | 72 u | 72 |
| Dominica | 7 o | 7 o | 7 o | 7 o | 7 o | 7 o | 7 o | 7 o | 7 o | 7 e |
| Dominican Rep | 613 o | 614 o | 617 o | 617 o | 617 o | 617 o | 617 e | 618 e | 625 o | 625 e |
| El Salvador | 487 e | 487 e | 488 e | 494 e | 494 e | 574 e | 574 e | 573 o | 573 e | 573 e |

# Renewable hydropower (including mixed plants)
# Hydroélectricité renouvelable (y compris les centrales mixtes)
# Hidroeléctrica renovable (incluidas las plantas mixtas)

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Guadeloupe | 9 | 9 | 9 | 9 | 9 | 11 | 11 e | 11 o | 11 e | 11 e |
| Guatemala | 986 | 997 | 1 001 | 1 087 | 1 392 o | 1 438 o | 1 502 o | 1 574 o | 1 577 o | 1 579 o |
| Haiti | 56 e | 56 e | 56 e | 56 e | 56 e | 56 e | 78 u | 78 e | 78 e | 78 e |
| Honduras | 539 o | 558 o | 624 o | 656 o | 670 e | 676 e | 714 e | 729 e | 837 e | 849 e |
| Jamaica | 23 | 30 | 30 | 30 | 30 | 30 | 30 e | 30 e | 30 e | 30 e |
| Nicaragua | 106 | 120 | 120 | 138 | 142 o | 142 o | 142 o | 157 o | 157 o | 158 e |
| Panama | 1 469 | 1 494 | 1 623 | 1 725 | 1 769 | 1 777 o | 1 777 | 1 796 | 1 808 o | 1 786 o |
| Puerto Rico | 100 | 98 o | 98 o | 98 o | 98 o | 98 o | 98 o | 98 o | 98 o | 98 o |
| St Vincent Gren | 6 | 6 | 6 | 6 | 6 | 6 | 6 e | 6 e | 6 e | 6 e |
| Eurasia | 73 124 | 76 736 | 79 007 | 81 394 | 82 263 | 83 350 | 84 489 | 85 502 | 87 864 | 88 566 |
| Armenia | 1 249 o | 1 289 o | 1 298 o | 1 287 o | 1 312 o | 1 327 | 1 336 o | 1 336 e | 1 336 e | 1 336 e |
| Azerbaijan | 1 023 | 1 084 | 1 078 | 1 103 | 1 105 | 1 106 u | 1 131 o | 1 145 | 1 149 o | 1 152 u |
| Georgia | 2 710 | 2 734 | 2 872 | 2 877 | 2 916 | 3 158 | 3 152 o | 3 439 o | 3 323 o | 3 439 o |
| Russian Fed | 48 533 | 49 340 | 50 116 | 50 259 | 50 250 | 50 486 | 50 579 | 51 079 | 51 071 | 51 145 e |
| Turkey | 19 609 | 22 289 | 23 643 | 25 868 | 26 681 | 27 273 o | 28 291 | 28 503 | 30 984 o | 31 493 o |
| Europe | 182 375 | 183 397 | 183 678 | 186 049 | 189 296 | 191 108 | 192 249 | 193 176 | 194 294 | 195 725 |
| Albania | 1 628 | 1 781 | 1 725 | 1 798 | 1 913 | 2 047 | 2 105 | 2 162 | 2 289 u | 2 289 e |
| Andorra | 46 o | 46 o | 46 o | 46 o | 46 o | 46 o | 46 o | 46 o | 46 e | 46 e |
| Austria | 13 309 | 13 383 | 13 532 | 13 650 | 14 116 | 14 150 | 14 516 | 14 597 | 14 605 | 14 546 o |
| Belarus | 32 | 32 | 33 | 34 | 74 | 95 | 95 o | 95 e | 96 | 96 e |
| Belgium | 120 | 119 | 121 | 112 | 109 | 107 | 108 | 104 | 106 | 107 o |
| Bosnia Herzg | 1 701 o | 1 702 o | 1 711 o | 1 717 o | 1 760 o | 1 791 | 1 816 | 1 819 | 1 829 o | 1 786 o |
| Bulgaria | 2 317 | 2 339 | 2 355 | 2 355 | 2 359 | 2 508 e | 2 515 o | 2 514 e | 2 512 o | 2 512 o |
| Croatia | 2 129 | 2 178 | 2 180 | 2 195 | 2 192 | 2 193 | 2 200 | 2 200 o | 2 200 o | 2 202 o |
| Czechia | 1 065 | 1 080 | 1 080 | 1 088 | 1 090 | 1 093 | 1 093 | 1 094 | 1 094 | 1 111 o |
| Denmark | 9 | 9 | 9 | 7 | 9 | 7 | 7 | 7 | 7 o | 7 o |
| Estonia | 8 | 8 | 5 | 6 | 6 | 7 | 7 e | 6 | 8 | 9 o |
| Faroe Islands | 39 o | 39 o | 39 o | 39 o | 39 o | 39 o | 40 o | 40 o | 40 e | 40 e |
| Finland | 3 080 | 3 108 | 3 132 | 3 133 | 3 133 | 3 156 | 3 152 | 3 157 | 3 164 | 3 178 o |
| France | 23 849 | 23 838 | 23 849 | 23 824 | 23 893 | 23 979 | 23 999 | 24 141 | 23 985 | 23 985 o |
| Germany | 5 607 | 5 589 | 5 580 | 5 589 | 5 629 | 5 627 | 5 329 | 5 378 | 5 438 | 5 441 o |
| Greece | 3 236 | 3 238 | 3 389 | 3 392 | 3 392 | 3 392 e | 3 409 o | 3 412 | 3 417 o | 3 424 o |
| Hungary | 56 | 57 | 57 | 57 | 57 | 57 e | 57 o | 58 | 58 o | 58 o |
| Iceland | 1 877 | 1 984 | 1 984 | 1 987 | 1 987 | 1 995 | 2 099 | 2 104 | 2 114 | 2 114 e |
| Ireland | 237 | 237 | 237 | 237 | 237 | 237 e | 237 o | 237 | 237 | 237 o |
| Italy | 17 923 | 18 052 | 18 116 | 18 238 | 18 316 | 18 486 | 18 558 o | 18 601 | 18 755 | 18 772 e |
| Kosovo* | 43 | 43 | 43 | 43 | 78 | 80 | 80 | 95 | 95 e | 95 e |
| Latvia | 1 576 | 1 587 | 1 588 | 1 588 | 1 564 | 1 564 | 1 565 | 1 587 | 1 586 | 1 596 o |
| Lithuania | 116 | 116 | 117 | 117 | 117 | 117 e | 117 o | 117 o | 117 o | 126 o |
| Luxembourg | 34 | 34 | 34 | 34 | 34 | 35 | 34 | 34 e | 35 | 35 o |
| Moldova Rep | 64 | 64 | 64 | 64 | 64 | 64 o | 64 o | 64 e | 64 | 64 e |
| Montenegro | 629 | 630 | 653 | 662 | 668 | 675 | 676 | 676 | 697 | 697 o |
| Netherlands | 37 | 37 | 37 | 37 | 37 | 37 e | 37 e | 37 o | 37 o | 37 o |
| North Macedonia | 595 | 617 | 630 | 658 | 661 | 671 | 674 | 678 | 684 | 822 e |
| Norway | 30 509 | 31 033 | 31 240 | 31 372 | 31 817 | 31 912 | 32 530 | 32 797 o | 33 732 e | 34 813 e |
| Poland | 945 | 949 | 958 | 964 | 972 | 967 | 968 | 974 e | 977 e | 1 164 e |
| Portugal | 5 712 | 5 661 | 5 715 | 6 168 | 6 960 | 7 226 | 7 236 | 7 262 | 7 241 | 7 241 o |
| Romania | 6 456 | 6 518 | 6 521 | 6 638 | 6 642 | 6 600 | 6 609 | 6 595 | 6 561 | 6 564 e |
| Serbia | 2 352 | 2 317 | 2 403 | 2 408 | 2 416 | 2 424 | 2 429 | 2 460 | 2 468 e | 2 483 e |
| Slovakia | 1 606 | 1 607 | 1 607 | 1 606 | 1 608 | 1 607 | 1 612 | 1 611 | 1 613 | 1 613 e |
| Slovenia | 1 074 | 1 119 | 1 116 | 1 115 | 1 113 | 1 167 | 1 163 | 1 171 | 1 172 | 1 178 o |
| Spain | 16 097 | 15 854 | 15 892 | 16 722 | 16 749 | 16 748 | 16 748 | 16 782 | 16 785 | 16 785 o |
| Sweden | 16 315 | 16 395 | 15 897 | 16 230 | 16 367 | 16 502 e | 16 431 | 16 462 e | 16 406 e | 16 406 e |
| Switzerland | 13 347 | 13 361 | 13 288 | 13 346 | 14 279 | 14 826 | 14 980 o | 15 012 | 15 032 o | 15 032 o |
| UK | 1 993 | 2 009 | 2 030 | 2 077 | 2 133 | 2 170 e | 2 173 | 2 173 o | 2 175 o | 2 193 o |
| Ukraine | 4 608 | 4 627 | 4 665 | 4 697 | 4 658 | 4 704 | 4 734 | 4 816 | 4 819 | 4 823 u |
| European Union (27) | 123 174 | 123 374 | 123 386 | 125 363 | 126 963 | 127 831 | 127 972 | 128 401 | 128 377 | 128 596 |
| Middle East | 13 170 | 13 690 | 14 854 | 14 389 | 14 611 | 14 265 | 14 411 | 14 494 | 14 504 | 14 504 |
| Iran IR | 9 745 | 10 265 | 10 785 | 10 238 e | 10 538 e | 10 913 e | 11 059 e | 11 142 e | 11 153 e | 11 153 e |
| Iraq | 2 274 e | 2 274 e | 2 274 e | 2 274 e | 2 274 e | 1 557 e | 1 557 e | 1 557 e | 1 557 e | 1 557 e |
| Israel | 7 | 7 e | 7 o | 7 e | 7 e | 7 e | 7 e | 7 e | 6 o | 6 e |
| Jordan | 12 o | 12 o | 12 o | 16 u | 16 u | 16 u | 16 u | 16 u | 16 e | 16 e |
| Lebanon | 282 o | 282 e | 282 e | 282 e | 282 e | 282 e | 282 e | 282 e | 282 e | 282 e |
| Syrian AR | 850 o | 850 o | 1 494 o | 1 572 o | 1 494 o | 1 490 o | 1 490 o | 1 490 e | 1 490 e | 1 490 e |
| N America | 169 522 | 169 964 | 171 241 | 174 919 | 176 466 | 177 035 | 177 678 | 177 608 | 177 786 | 175 307 |
| Canada | 75 363 | 75 337 | 75 300 | 79 231 | 80 130 | 80 657 | 81 222 | 81 222 | 81 227 u | 82 563 u |
| Greenland | 91 o | 91 o | 91 o | 91 o | 91 o | 91 o | 91 e | 91 o | 91 e | 91 e |
| Mexico | 11 626 | 11 633 | 12 464 | 12 223 | 12 580 | 12 642 o | 12 642 o | 12 671 o | 12 671 o | 12 671 o |
| USA | 82 442 | 82 903 | 83 386 | 83 374 | 83 665 | 83 644 o | 83 722 | 83 624 | 83 797 o | 79 982 o |
| Oceania | 13 343 | 13 355 | 13 356 | 13 374 | 13 374 | 13 379 | 13 631 | 13 640 | 13 643 | 13 643 |
| Australia | 7 461 | 7 461 | 7 461 | 7 461 | 7 461 | 7 461 | 7 713 o | 7 713 o | 7 713 o | 7 713 o |
| Fiji | 139 u | 138 u | 138 u | 138 u | 138 u | 138 u | 138 u | 138 e | 138 e | 138 e |
| Fr Polynesia | 47 o | 47 o | 47 o | 47 o | 47 o | 48 o | 48 o | 48 o | 48 e | 48 e |

# Renewable hydropower (including mixed plants)
# Hydroélectricité renouvelable (y compris les centrales mixtes)
# Hidroeléctrica renovable (incluidas las plantas mixtas)

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| New Caledon | 78 o | 78 o | 78 o | 78 o | 78 o | 78 o | 78 o | 78 e | 81 o | 81 e |
| New Zealand | 5 368 | 5 381 | 5 381 | 5 381 | 5 381 | 5 381 | 5 381 o | 5 389 o | 5 389 o | 5 389 e |
| Papua N Guin | 240 u | 240 u | 240 u | 258 u | 258 u | 258 u | 258 u | 258 e | 258 e | 258 e |
| Samoa | 9 o | 9 o | 9 o | 9 o | 9 o | 12 o | 13 e | 14 u | 14 e | 14 e |
| Solomon Is | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 0 e | 0 e | 0 e |
| Vanuatu | 1 o | 1 o | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| S America | 141 716 | 143 957 | 148 601 | 152 689 | 162 774 | 166 440 | 171 455 | 176 462 | 176 830 | 177 059 |
| Argentina | 10 136 o | 10 136 o | 10 138 o | 10 208 o | 10 270 o | 10 273 e | 10 318 e | 10 340 e | 10 374 e | 10 376 e |
| Bolivia | 501 o | 501 o | 494 o | 495 o | 495 o | 620 o | 666 e | 736 o | 736 e | 736 e |
| Brazil | 84 294 | 86 019 | 89 194 o | 91 651 o | 96 930 o | 100 333 o | 104 482 o | 109 143 o | 109 318 o | 109 426 o |
| Chile | 5 993 o | 6 095 o | 6 446 o | 6 500 o | 6 672 o | 6 685 e | 6 680 o | 6 683 o | 6 773 o | 6 807 o |
| Colombia | 9 777 | 9 868 | 10 900 | 11 501 e | 11 611 e | 11 731 o | 11 842 o | 11 926 e | 11 954 e | 11 954 e |
| Ecuador | 2 264 o | 2 264 o | 2 248 o | 2 408 o | 4 447 o | 4 516 e | 5 066 o | 5 076 o | 5 098 o | 5 099 o |
| Fr Guiana | 119 o | 119 o | 119 o | 119 o | 119 o | 119 o | 119 o | 119 o | 119 e | 119 o |
| Guyana | 2 e | 2 e | 2 e | 2 o | 2 e | 2 e | 2 e | 2 o | 2 e | 2 e |
| Paraguay | 8 810 | 8 810 | 8 810 | 8 810 | 8 810 | 8 810 | 8 810 o | 8 810 | 8 810 o | 8 810 e |
| Peru | 3 479 o | 3 544 o | 3 651 o | 4 139 o | 5 179 o | 5 112 o | 5 230 o | 5 387 o | 5 406 o | 5 490 o |
| South Georgia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 e | 0 e |
| Suriname | 180 | 180 | 180 | 180 | 180 | 180 e | 180 e | 180 e | 180 e | 180 e |
| Uruguay | 1 538 | 1 538 | 1 538 | 1 538 | 1 538 | 1 538 | 1 538 o | 1 538 e | 1 538 o | 1 538 e |
| Venezuela | 14 624 o | 14 881 o | 14 881 u | 15 138 u | 16 521 e | 16 521 e | 16 521 e | 16 521 u | 16 521 e | 16 521 e |

# Pure pumped storage
# Accumulation par pompage
# Hidroeléctrica de bombeo pura

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 105 605 | 107 732 | 109 474 | 111 905 | 116 937 | 119 844 | 120 360 | 120 609 | 124 022 | 130 014 |
| Africa | 1 864 | 1 864 | 1 864 | 1 864 | 2 863 | 3 196 | 3 196 | 3 196 | 3 196 | 3 196 |
| Morocco | 464 | 464 | 464 | 464 | 464 | 464 o | 464 | 464 e | 464 e | 464 e |
| South Africa | 1 400 u | 1 400 u | 1 400 u | 1 400 u | 2 399 u | 2 732 u | 2 732 e | 2 732 e | 2 732 e | 2 732 u |
| Asia | 54 835 | 56 035 | 57 218 | 58 338 | 61 998 | 64 668 | 65 268 | 65 568 | 65 598 | 71 668 |
| China | 20 333 | 21 533 | 22 110 | 23 030 | 26 690 | 29 390 e | 29 990 | 30 290 | 30 320 u | 36 390 o |
| Chinese Taipei | 2 602 o | 2 602 o | 2 602 o | 2 602 o | 2 602 o | 2 602 o | 2 602 o | 2 602 o | 2 602 o | 2 602 o |
| India | 4 786 o | 4 786 o | 4 786 o | 4 786 o | 4 786 o | 4 786 o | 4 786 e | 4 786 o | 4 786 e | 4 786 e |
| Japan | 21 119 | 21 119 | 21 724 | 21 924 | 21 924 | 21 894 | 21 894 e | 21 894 o | 21 894 o | 21 894 o |
| Korea Rep | 4 700 | 4 700 | 4 700 | 4 700 | 4 700 | 4 700 o | 4 700 o | 4 700 o | 4 700 o | 4 700 o |
| Mongolia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 e | 0 | 0 e |
| Philippines | 736 o | 736 o | 736 o | 736 o | 736 o | 736 o | 736 o | 736 o | 736 o | 736 e |
| Thailand | 560 o | 560 o | 560 o | 560 o | 560 o | 560 o | 560 o | 560 o | 560 o | 560 e |
| Eurasia | 1 216 | 1 216 | 1 216 | 1 216 | 1 216 | 1 216 | 1 216 | 1 216 | 1 356 | 1 356 |
| Russian Fed | 1 216 | 1 216 | 1 216 | 1 216 | 1 216 | 1 216 | 1 216 | 1 216 | 1 356 | 1 356 e |
| Europe | 26 827 | 27 733 | 28 202 | 28 383 | 28 595 | 28 467 | 28 363 | 28 363 | 28 362 | 28 341 |
| Belgium | 1 307 | 1 310 | 1 310 | 1 310 | 1 310 | 1 310 e | 1 310 o | 1 310 e | 1 310 o | 1 310 o |
| Bosnia Herzg | 420 o | 420 o | 420 o | 420 o | 420 o | 420 o | 420 e | 420 o | 420 o | 420 o |
| Bulgaria | 864 | 864 | 864 | 864 | 864 | 864 e | 864 o | 864 e | 864 o | 864 o |
| Czechia | 1 147 | 1 172 | 1 172 | 1 172 | 1 172 | 1 172 | 1 172 | 1 172 | 1 172 o | 1 172 o |
| France | 1 808 | 1 808 | 1 728 | 1 728 | 1 728 | 1 728 | 1 728 o | 1 728 | 1 728 | 1 728 o |
| Germany | 5 650 | 5 650 | 5 654 | 5 666 | 5 578 | 5 493 | 5 355 | 5 355 | 5 354 | 5 212 o |
| Ireland | 292 | 292 | 292 | 292 | 292 | 292 e | 292 o | 292 | 292 o | 292 e |
| Italy | 3 957 | 3 957 | 3 982 | 3 982 | 3 982 | 3 940 | 3 940 o | 3 940 | 3 940 e | 3 940 e |
| Lithuania | 760 | 760 | 760 | 760 | 760 | 760 e | 760 o | 760 o | 760 o | 760 o |
| Luxembourg | 1 100 | 1 100 | 1 296 | 1 296 | 1 296 | 1 296 e | 1 296 e | 1 296 e | 1 296 o | 1 296 o |
| Poland | 1 406 | 1 406 | 1 406 | 1 406 | 1 413 | 1 423 | 1 423 | 1 423 e | 1 423 e | 1 220 o |
| Romania | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 e | 92 o | 92 e |
| Serbia | 614 | 614 | 614 | 614 | 614 | 614 | 614 o | 614 e | 614 e | 614 e |
| Slovakia | 916 | 916 | 916 | 916 | 916 | 916 e | 916 | 916 e | 916 e | 916 e |
| Slovenia | 180 | 180 | 180 | 180 | 180 | 180 e | 180 | 180 e | 180 | 180 o |
| Spain | 2 453 | 3 331 | 3 331 | 3 331 | 3 331 | 3 331 | 3 331 | 3 331 | 3 331 | 3 331 o |
| Sweden | 99 | 99 | 99 | 99 | 99 | | | | | |
| Switzerland | 456 | 456 | 456 | 469 | 527 | 527 e | 562 | 562 | 562 e | 562 o |
| UK | 2 444 | 2 444 | 2 444 | 2 600 | 2 600 | 2 600 | 2 600 | 2 600 o | 2 600 o | 2 600 o |
| Ukraine | 862 | 862 | 1 186 | 1 186 | 1 421 | 1 509 o | 1 509 o | 1 509 e | 1 509 | 1 833 u |
| European Union (27) | 22 031 | 22 937 | 23 082 | 23 094 | 23 013 | 22 797 | 22 658 | 22 658 | 22 657 | 22 312 |
| Middle East | 240 | 240 | 240 | 1 280 | 1 280 | 1 280 | 1 280 | 1 280 | 1 580 | 1 580 |
| Iran IR | | | | 1 040 | 1 040 | 1 040 | 1 040 o | 1 040 e | 1 040 e | 1 040 o |
| Iraq | 240 | 240 | 240 | 240 | 240 e | 240 e | 240 e | 240 e | 240 e | 240 e |
| Israel | | | | | | | | | 300 u | 300 e |
| N America | 18 839 | 18 860 | 18 950 | 19 040 | 19 201 | 19 233 | 19 253 | 19 202 | 22 146 | 22 089 |
| Canada | 174 | 174 | 174 | 174 | 174 o | 174 e | 174 e | 177 | 177 e | 177 e |
| USA | 18 665 | 18 686 | 18 776 | 18 866 | 19 027 | 19 059 | 19 079 | 19 025 | 21 969 o | 21 912 o |
| Oceania | 810 | 810 | 810 | 810 | 810 | 810 | 810 | 810 | 810 | 810 |
| Australia | 810 | 810 | 810 | 810 | 810 | 810 | 810 | 810 o | 810 o | 810 o |
| S America | 974 | 974 | 974 | 974 | 974 | 974 | 974 | 974 | 974 | 974 |
| Argentina | 974 o | 974 o | 974 o | 974 o | 974 o | 974 o | 974 o | 974 o | 974 o | 974 o |

# Marine energy
# Énergie marine
# Energía marina

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 509 | 510 | 513 | 513 | 519 | 522 | 526 | 525 | 524 | 524 |
| Asia | 259 | 259 | 259 | 259 | 259 | 259 | 259 | 260 | 260 | 260 |
| China | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 e | 5 u | 5 e |
| Korea Rep | 255 o | 255 o | 255 o | 255 | 255 | 255 o | 255 o | 256 | 256 o | 256 o |
| Singapore | | 0 | 0 | 0 | 0 | 0 e | 0 o | 0 e | 0 e | 0 e |
| Eurasia | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Russian Fed | 2 u | 2 u | 2 u | 2 u | 2 u | 2 u | 2 o | 2 e | 2 | 2 e |
| Europe | 228 | 228 | 231 | 231 | 237 | 240 | 244 | 242 | 241 | 241 |
| Denmark | 0 u | | | | | | | | | |
| Faroe Islands | | | | 0 u | | | | | 0 o | 0 e |
| France | 216 | 218 | 220 | 218 | 220 | 219 | 218 | 214 | 212 | 212 e |
| Italy | | 0 u | 0 u | 0 u | 0 u | 0 e | 0 e | 0 e | 0 u | 0 e |
| Netherlands | 0 u | u | 0 u | 2 u | 2 e | 2 e | 2 e | 2 u | 2 e | 2 e |
| Norway | 2 u | 0 u | 0 u | 0 u | 0 u | 0 e | 0 e | 0 e | 0 e | 0 e |
| Portugal | 0 | 0 | 1 | | | 0 | 0 | | | |
| Spain | 0 u | 0 u | 0 u | 0 u | 5 | 5 | 5 | 5 e | 5 e | 5 e |
| Sweden | 0 u | 0 u | 0 u | 0 u | 0 u | 0 e | 0 e | | | |
| UK | 9 | 8 | 9 | 9 | 9 | 13 | 18 | 20 | 22 o | 22 o |
| European Union (27) | 217 | 219 | 222 | 221 | 227 | 227 | 226 | 221 | 219 | 219 |
| N America | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Canada | 20 | 20 | 20 | 20 | 20 | 20 | 20 e | 20 e | 20 e | 20 e |
| USA | | 0 u | 0 e | 0 u | 0 u | 0 o | | | | |
| Oceania | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Australia | 1 | 1 | 1 | 1 | 1 | 1 e | 1 e | 1 o | 1 e | 1 e |
| New Zealand | 0 | | | | | | | 0 o | 0 o | 0 e |
| S America | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brazil | 0 | 0 | 0 | 0 | 0 | 0 | 0 o | 0 o | 0 o | 0 o |

# Wind energy
# Énergie éolienne
# Energía eólica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 266 918 | 299 840 | 349 307 | 416 170 | 466 866 | 514 215 | 563 466 | 621 270 | 731 763 | 824 874 |
| Africa | 1 128 | 1 742 | 2 399 | 3 320 | 3 826 | 4 579 | 5 472 | 5 529 | 6 485 | 7 334 |
| Algeria | | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Cabo Verde | 27 | 27 | 27 | 27 | 27 | 27 | 28 | 28 | 28 | 28 |
| Chad | | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| Djibouti | | | | | | | | | | 20 |
| Egypt | 555 | 555 | 555 | 755 | 755 | 755 | 1 130 | 1 132 | 1 380 | 1 640 |
| Eritrea | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Ethiopia | 81 | 171 | 171 | 324 | 324 | 324 | 324 | 324 | 324 | 324 |
| Gambia | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Ghana | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kenya | 6 | 6 | 6 | 26 | 26 | 26 | 336 | 336 | 336 | 436 |
| Madagascar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mauritania | | 4 | 4 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| Mauritius | 1 | 1 | 1 | 1 | 11 | 11 | 11 | 11 | 11 | 11 |
| Morocco | 255 | 495 | 797 | 797 | 897 | 1 023 | 1 225 | 1 225 | 1 405 | 1 435 |
| Namibia | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 5 | 5 | 5 |
| Reunion | 15 | 15 | 15 | 15 | 17 | 17 | 17 | 17 | 17 | 17 |
| Senegal | | | | | | | | 55 | 159 | 159 |
| Seychelles | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Somalia | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| South Africa | 10 | 257 | 569 | 1 079 | 1 473 | 2 094 | 2 094 | 2 094 | 2 516 | 2 956 |
| Tanzania | | | | | | | | | 2 | 2 |
| Tunisia | 173 | 200 | 233 | 240 | 240 | 240 | 245 | 245 | 245 | 245 |
| Asia | 82 809 | 99 542 | 124 336 | 161 804 | 184 185 | 205 015 | 229 093 | 257 667 | 332 302 | 385 396 |
| Afghanistan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bangladesh | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Bhutan | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Cambodia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| China | 61 597 | 76 731 | 96 819 | 131 048 | 148 517 | 164 374 | 184 665 | 209 582 | 282 113 | 328 973 |
| Chinese Taipei | 571 | 614 | 637 | 647 | 682 | 692 | 713 | 845 | 937 | 1 033 |
| India | 17 300 | 18 420 | 22 465 | 25 088 | 28 700 | 32 848 | 35 288 | 37 505 | 38 559 | 40 067 |
| Indonesia | 1 | 1 | 1 | 1 | 1 | 1 | 144 | 154 | 154 | 154 |
| Japan | 2 562 | 2 646 | 2 753 | 2 808 | 3 247 | 3 483 | 3 498 | 3 951 | 4 371 | 4 471 |
| Kazakhstan | 2 | 4 | 53 | 72 | 98 | 112 | 121 | 284 | 486 | 1 170 |
| Korea DPR | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| Korea Rep | 464 | 576 | 612 | 847 | 1 067 | 1 215 | 1 420 | 1 494 | 1 636 | 1 708 |
| Maldives | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Mongolia | 1 | 51 | 51 | 51 | 51 | 101 | 156 | 156 | 156 | 156 |
| Myanmar | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nepal | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pakistan | 56 | 106 | 206 | 308 | 591 | 789 | 1 186 | 1 236 | 1 236 | 1 335 |
| Philippines | 33 | 33 | 337 | 427 | 427 | 427 | 427 | 443 | 443 | 443 |
| Singapore | | | | | | 0 | 0 | 0 | 0 | 0 |
| Sri Lanka | 77 | 81 | 121 | 131 | 131 | 131 | 128 | 128 | 179 | 253 |
| Thailand | 112 | 223 | 225 | 234 | 507 | 628 | 1 103 | 1 507 | 1 507 | 1 507 |
| Uzbekistan | | | | | | 1 | 1 | 1 | 1 | 1 |
| Viet Nam | 31 | 53 | 53 | 136 | 160 | 205 | 237 | 375 | 518 | 4 118 |
| C America + Carib | 728 | 822 | 946 | 1 302 | 1 544 | 1 599 | 1 709 | 1 945 | 1 969 | 2 001 |
| Antigua Barb | | | | | | | | | 4 | 4 |
| Aruba | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Barbados | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Belize | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BES Islands | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| Br Virgin Is | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Costa Rica | 144 | 144 | 193 | 272 | 365 | 378 | 408 | 411 | 394 | 394 |
| Cuba | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Curacao | 30 | 30 | 30 | 30 | 30 | 47 | 47 | 47 | 47 | 47 |
| Dominica | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dominican Rep | 85 | 85 | 85 | 85 | 135 | 135 | 183 | 370 | 370 | 370 |
| El Salvador | | | | | | | | | 36 | 36 |
| Grenada | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guadeloupe | 23 | 23 | 23 | 27 | 26 | 26 | 26 | 42 | 42 | 52 |
| Guatemala | | | | 76 | 76 | 76 | 107 | 107 | 107 | 107 |
| Haiti | | | | | | | 0 | 0 | 0 | 0 |
| Honduras | 102 | 152 | 152 | 152 | 175 | 225 | 225 | 241 | 241 | 241 |
| Jamaica | 39 | 39 | 39 | 39 | 99 | 99 | 99 | 99 | 99 | 99 |
| Martinique | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | 15 | 14 |
| Nicaragua | 147 | 147 | 186 | 186 | 186 | 186 | 186 | 186 | 186 | 186 |
| Panama | | 20 | 55 | 253 | 270 | 270 | 270 | 270 | 270 | 270 |
| Puerto Rico | 101 | 125 | 125 | 125 | 125 | 101 | 101 | 102 | 102 | 125 |
| St Kitts Nevis | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Trinidad Tobago | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| US Virgin Is | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Eurasia | 2 276 | 2 775 | 3 645 | 4 525 | 5 801 | 6 566 | 7 146 | 7 783 | 9 868 | 12 653 |

# Wind energy
# Énergie éolienne
# Energía eólica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Armenia | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Azerbaijan | 2 | 3 | 3 | 8 | 16 | 16 | 66 | 66 | 66 | 67 |
| Georgia | | | | | 20 | 20 | 20 | 21 | 21 | 21 |
| Russian Fed | 10 | 10 | 10 | 11 | 11 | 11 | 52 | 102 | 945 | 1 955 |
| Turkey | 2 261 | 2 760 | 3 630 | 4 503 | 5 751 | 6 516 | 7 005 | 7 591 | 8 832 | 10 607 |
| Europe | 107 196 | 118 181 | 130 209 | 143 010 | 155 763 | 170 624 | 181 904 | 196 339 | 207 878 | 222 052 |
| Austria | 1 337 | 1 675 | 2 110 | 2 489 | 2 730 | 2 887 | 3 133 | 3 224 | 3 226 | 3 524 |
| Belarus | 5 | 7 | 9 | 22 | 62 | 84 | 92 | 112 | 112 | 112 |
| Belgium | 1 370 | 1 780 | 1 944 | 2 176 | 2 370 | 2 788 | 3 268 | 3 863 | 4 681 | 4 780 |
| Bosnia Herzg | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 87 | 135 | 135 |
| Bulgaria | 677 | 683 | 699 | 699 | 699 | 698 | 699 | 703 | 703 | 705 |
| Croatia | 180 | 254 | 339 | 418 | 483 | 576 | 586 | 646 | 801 | 988 |
| Cyprus | 147 | 147 | 147 | 158 | 158 | 158 | 158 | 158 | 158 | 158 |
| Czechia | 258 | 262 | 278 | 281 | 282 | 308 | 316 | 339 | 339 | 339 |
| Denmark | 4 162 | 4 819 | 4 886 | 5 077 | 5 245 | 5 489 | 6 115 | 6 103 | 6 259 | 7 014 |
| Estonia | 266 | 248 | 275 | 300 | 310 | 312 | 310 | 316 | 317 | 317 |
| Faroe Islands | 9 | 9 | 20 | 20 | 20 | 20 | 16 | 13 | 19 | 19 |
| Finland | 257 | 447 | 627 | 1 005 | 1 565 | 2 044 | 2 041 | 2 284 | 2 586 | 3 257 |
| France | 7 607 | 8 156 | 9 201 | 10 298 | 11 567 | 13 499 | 14 900 | 16 457 | 17 484 | 18 676 |
| Germany | 30 979 | 33 477 | 38 614 | 44 580 | 49 435 | 55 580 | 58 721 | 60 742 | 62 188 | 63 760 |
| Greece | 1 753 | 1 809 | 1 978 | 2 091 | 2 370 | 2 624 | 2 877 | 3 589 | 4 119 | 4 457 |
| Hungary | 325 | 329 | 329 | 329 | 329 | 329 | 329 | 323 | 321 | 321 |
| Iceland | | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| Ireland | 1 704 | 1 923 | 2 283 | 2 451 | 2 802 | 3 319 | 3 674 | 4 126 | 4 307 | 4 332 |
| Italy | 8 102 | 8 542 | 8 683 | 9 137 | 9 384 | 9 737 | 10 230 | 10 679 | 10 871 | 11 276 |
| Kosovo* | 1 | 1 | 1 | 1 | 1 | 34 | 34 | 34 | 32 | 137 |
| Latvia | 59 | 66 | 69 | 68 | 70 | 77 | 78 | 78 | 78 | 81 |
| Lithuania | 275 | 279 | 288 | 436 | 509 | 518 | 533 | 534 | 540 | 671 |
| Luxembourg | 58 | 58 | 58 | 64 | 120 | 120 | 123 | 136 | 153 | 157 |
| Malta | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Moldova Rep | | 1 | 1 | 1 | 2 | 9 | 33 | 35 | 37 | 51 |
| Montenegro | | | | | | 72 | 72 | 118 | 118 | 118 |
| Netherlands | 2 433 | 2 713 | 2 865 | 3 391 | 4 257 | 4 202 | 4 393 | 4 484 | 6 619 | 7 801 |
| North Macedonia | | | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| Norway | 705 | 818 | 859 | 867 | 883 | 1 207 | 1 710 | 2 914 | 4 030 | 4 650 |
| Poland | 2 564 | 3 429 | 3 836 | 4 886 | 5 747 | 5 759 | 5 766 | 5 837 | 6 298 | 6 958 |
| Portugal | 4 412 | 4 610 | 4 857 | 4 937 | 5 124 | 5 124 | 5 172 | 5 223 | 5 122 | 5 248 |
| Romania | 1 822 | 2 773 | 3 244 | 3 130 | 3 025 | 3 030 | 3 032 | 3 038 | 3 013 | 3 013 |
| Serbia | 1 | 1 | 1 | 10 | 17 | 25 | 227 | 398 | 398 | 398 |
| Slovakia | 3 | 5 | 3 | 3 | 3 | 4 | 3 | 4 | 3 | 3 |
| Slovenia | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| Spain | 22 789 | 22 958 | 22 925 | 22 943 | 22 990 | 23 124 | 23 405 | 25 590 | 26 819 | 27 497 |
| Sweden | 3 606 | 4 194 | 5 088 | 5 819 | 6 435 | 6 611 | 7 300 | 8 681 | 9 976 | 12 080 |
| Switzerland | 49 | 60 | 60 | 60 | 75 | 75 | 75 | 75 | 87 | 87 |
| UK | 9 030 | 11 282 | 13 074 | 14 306 | 16 126 | 19 585 | 21 767 | 24 095 | 24 485 | 27 130 |
| Ukraine | 248 | 362 | 514 | 514 | 526 | 553 | 621 | 1 258 | 1 402 | 1 761 |
| European Union (27) | 97 187 | 105 678 | 115 670 | 127 212 | 138 055 | 148 964 | 157 211 | 167 233 | 177 057 | 187 497 |
| Middle East | 115 | 122 | 165 | 286 | 423 | 504 | 609 | 775 | 923 | 1 029 |
| Bahrain | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Iran IR | 106 | 108 | 149 | 153 | 191 | 259 | 282 | 305 | 308 | 310 |
| Israel | 6 | 6 | 6 | 6 | 27 | 27 | 27 | 27 | 27 | 27 |
| Jordan | 1 | 1 | 1 | 118 | 198 | 198 | 280 | 373 | 518 | 622 |
| Kuwait | | 2 | 2 | 2 | 2 | 12 | 12 | 12 | 12 | 12 |
| Lebanon | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Oman | | | | | | | | 50 | 50 | 50 |
| Saudi Arabia | | | | | | 3 | 3 | 3 | 3 | 3 |
| Syrian AR | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| United Arab Em | | 1 | 2 | 2 | | | | | | |
| N America | 67 092 | 69 897 | 76 495 | 87 058 | 97 310 | 104 046 | 112 208 | 123 516 | 138 863 | 154 733 |
| Canada | 6 201 | 7 801 | 9 694 | 11 214 | 11 973 | 12 250 | 12 816 | 13 413 | 13 627 | 14 304 |
| Greenland | | | | | | | 0 | 0 | 0 | 0 |
| Mexico | 1 815 | 2 122 | 2 569 | 3 271 | 4 051 | 4 199 | 4 876 | 6 050 | 6 504 | 7 692 |
| St Pierre Mq | 1 | 1 | | | | | | | | |
| USA | 59 075 | 59 973 | 64 232 | 72 573 | 81 286 | 87 597 | 94 516 | 104 052 | 118 732 | 132 738 |
| Oceania | 3 235 | 3 895 | 4 531 | 4 922 | 5 066 | 5 553 | 6 184 | 7 023 | 9 442 | 9 922 |
| Australia | 2 561 | 3 221 | 3 797 | 4 181 | 4 324 | 4 812 | 5 442 | 6 279 | 8 603 | 8 951 |
| Cook Is | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fiji | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Fr Polynesia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guam | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Marshall Is | | | | | | | 0 | 0 | 0 | 0 |
| Micronesia | | | | | | | 1 | 1 | 1 | 1 |
| New Caledon | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| New Zealand | 623 | 623 | 682 | 689 | 689 | 689 | 689 | 689 | 784 | 917 |

# Wind energy
# Énergie éolienne
# Energía eólica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Samoa | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Tokelau | | | | | | | | 0 | 0 | 0 |
| Tonga | | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 |
| Vanuatu | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| S America | 2 340 | 2 864 | 6 580 | 9 943 | 12 947 | 15 727 | 19 141 | 20 694 | 24 034 | 29 754 |
| Argentina | 137 | 190 | 215 | 187 | 187 | 227 | 750 | 1 609 | 2 624 | 3 292 |
| Bolivia | 0 | 0 | 3 | 3 | 27 | 27 | 27 | 27 | 27 | 128 |
| Brazil | 1 894 | 2 202 | 4 888 | 7 633 | 10 129 | 12 304 | 14 843 | 15 438 | 17 198 | 21 161 |
| Chile | 202 | 301 | 736 | 910 | 1 039 | 1 305 | 1 524 | 1 620 | 2 149 | 3 137 |
| Colombia | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Ecuador | 2 | 19 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| Falklands Malv | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Guyana | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peru | 1 | 1 | 143 | 240 | 240 | 240 | 372 | 372 | 409 | 409 |
| South Georgia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Uruguay | 53 | 59 | 481 | 857 | 1 211 | 1 511 | 1 511 | 1 514 | 1 514 | 1 514 |
| Venezuela | 30 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 |

# Onshore wind energy
# Énergie éolienne terrestre
# Energía eólica terrestre

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 261 584 | 292 668 | 340 815 | 404 453 | 452 524 | 495 378 | 539 840 | 592 888 | 697 401 | 769 196 |
| Africa | 1 128 | 1 742 | 2 399 | 3 320 | 3 826 | 4 579 | 5 472 | 5 529 | 6 485 | 7 334 |
| Algeria | | | 10 | 10 | 10 | 10 e | 10 e | 10 e | 10 e | 10 e |
| Cabo Verde | 27 | 27 | 27 | 27 | 27 | 27 | 28 e | 28 e | 28 e | 28 e |
| Chad | | | | | 1 u | 1 e | 1 e | 1 e | 1 o | 1 e |
| Djibouti | | | | | | | | | | 20 u |
| Egypt | 555 o | 555 o | 555 o | 755 o | 755 o | 755 o | 1 130 o | 1 132 e | 1 380 e | 1 640 e |
| Eritrea | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Ethiopia | 81 | 171 | 171 | 324 | 324 u | 324 e | 324 e | 324 e | 324 | 324 |
| Gambia | 1 o | 1 o | 1 o | 1 o | 1 o | 1 o | 1 e | 1 e | 1 e | 1 e |
| Ghana | | | | 0 o | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Kenya | 6 o | 6 o | 6 o | 26 e | 26 e | 26 e | 336 e | 336 e | 336 e | 436 e |
| Madagascar | 0 o | 0 o | 0 o | 0 o | 0 o | 0 e | 0 e | 0 e | 0 e | 0 e |
| Mauritania | | 4 o | 4 o | 34 o | 34 o | 34 o | 34 e | 34 e | 34 e | 34 e |
| Mauritius | 1 | 1 | 1 | 1 | 11 | 11 e | 11 e | 11 e | 11 e | 11 e |
| Morocco | 255 | 495 | 797 | 797 | 897 | 1 023 o | 1 225 o | 1 225 e | 1 405 e | 1 435 e |
| Namibia | 0 e | 0 e | 0 e | 0 e | 0 e | 5 u | 5 e | 5 | 5 e | 5 e |
| Reunion | 15 o | 15 o | 15 o | 15 o | 17 o | 17 e | 17 o | 17 e | 17 e | 17 e |
| Senegal | | | | | | | | 55 o | 159 o | 159 e |
| Seychelles | | 6 o | 6 o | 6 o | 6 o | 6 o | 6 e | 6 e | 6 e | 6 e |
| Somalia | 2 u | 2 u | 2 u | 3 u | 3 u | 4 u | 4 e | 4 e | 4 | 4 e |
| South Africa | 10 o | 257 o | 569 o | 1 079 o | 1 473 o | 2 094 o | 2 094 o | 2 094 e | 2 516 u | 2 956 e |
| Tanzania | | | | | | | | | 2 u | 2 u |
| Tunisia | 173 o | 200 o | 233 o | 240 o | 240 o | 240 o | 245 o | 245 o | 245 o | 245 e |
| Asia | 82 488 | 99 055 | 123 820 | 161 082 | 182 506 | 202 010 | 224 260 | 251 372 | 322 883 | 357 574 |
| Afghanistan | 0 u | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Bangladesh | 2 o | 2 o | 2 o | 3 o | 3 o | 3 o | 3 e | 3 o | 3 o | 3 o |
| Bhutan | | | | 1 u | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Cambodia | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| China | 61 306 | 76 314 | 96 379 | 130 489 | 147 037 | 161 586 | 180 077 | 203 652 e | 273 123 o | 302 583 e |
| Chinese Taipei | 571 o | 614 o | 637 o | 647 o | 682 o | 684 o | 705 o | 717 o | 809 o | 796 o |
| India | 17 300 o | 18 420 o | 22 465 o | 25 088 o | 28 700 o | 32 848 o | 35 288 o | 37 505 o | 38 559 o | 40 067 o |
| Indonesia | 1 o | 1 o | 1 o | 1 o | 1 o | 1 o | 144 o | 154 o | 154 e | 154 o |
| Japan | 2 537 | 2 596 | 2 703 | 2 755 | 3 187 | 3 418 | 3 433 | 3 886 | 4 306 o | 4 406 o |
| Kazakhstan | 2 | 4 | 53 | 72 | 98 | 112 | 121 o | 284 e | 486 | 1 170 o |
| Korea DPR | 0 u | 0 u | 0 u | 0 u | 0 u | 1 o | 1 e | 1 e | 1 e | 1 e |
| Korea Rep | 459 | 571 | 602 | 837 | 1 027 | 1 170 | 1 347 | 1 421 | 1 500 o | 1 572 o |
| Maldives | 1 u | 1 u | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Mongolia | 1 e | 51 e | 51 e | 51 e | 51 e | 101 e | 156 o | 156 e | 156 | 156 e |
| Myanmar | | | | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Nepal | | 0 u | 0 u | 0 u | 0 u | 0 e | 0 o | 0 o | 0 e | 0 e |
| Pakistan | 56 e | 106 e | 206 e | 308 e | 591 e | 789 e | 1 186 e | 1 236 e | 1 236 e | 1 335 e |
| Philippines | 33 o | 33 o | 337 o | 427 o | 427 o | 427 o | 427 o | 443 o | 443 o | 443 e |
| Singapore | | | | | | 0 u | 0 e | 0 e | 0 e | 0 e |
| Sri Lanka | 77 o | 81 o | 121 o | 131 o | 131 o | 131 o | 128 o | 128 e | 179 o | 253 e |
| Thailand | 112 | 223 | 225 | 234 | 507 | 628 o | 1 103 o | 1 507 o | 1 507 o | 1 507 e |
| Uzbekistan | | | | | | 1 o | 1 o | 1 e | 1 | 1 e |
| Viet Nam | 31 | 37 | 37 u | 37 u | 61 e | 106 e | 138 u | 275 e | 419 e | 3 124 e |
| C America + Carib | 728 | 822 | 946 | 1 302 | 1 544 | 1 599 | 1 709 | 1 945 | 1 969 | 2 001 |
| Antigua Barb | | | | | | | | | 4 u | 4 e |
| Aruba | 30 | 30 | 30 | 30 | 30 | 30 | 30 e | 30 o | 30 e | 30 e |
| Barbados | | | | | 0 | 0 | 0 e | 0 e | 0 e | 0 e |
| Belize | 0 u | 0 u | 0 u | 0 u | 0 u | 0 u | 0 u | 0 u | 0 u | 0 e |
| BES Islands | 11 o | 11 o | 11 o | 11 o | 11 o | 11 o | 11 e | 11 e | 11 e | 11 e |
| Br Virgin Is | 1 | 1 | 1 | 1 | 1 | 1 | 1 e | 1 e | 1 e | 1 e |
| Costa Rica | 144 | 144 | 193 | 272 | 365 | 378 | 408 o | 411 o | 394 o | 394 o |
| Cuba | 12 | 12 | 12 | 12 | 12 | 12 | 12 e | 12 | 12 | 12 |
| Curacao | 30 | 30 | 30 | 30 | 30 | 47 o | 47 o | 47 o | 47 o | 47 e |
| Dominica | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 0 e | 0 e | 0 e |
| Dominican Rep | 85 | 85 | 85 | 85 | 135 o | 135 o | 183 o | 370 o | 370 o | 370 |
| El Salvador | | | | | | | | | 36 o | 36 e |
| Grenada | 0 u | 0 u | 0 u | 0 u | 0 u | 0 u | 0 u | 0 e | 0 e | 0 e |
| Guadeloupe | 23 | 23 | 23 | 27 | 26 | 26 | 26 | 42 | 42 | 52 |
| Guatemala | | | | 76 | 76 | 76 | 107 o | 107 o | 107 o | 107 o |
| Haiti | | | | | | | 0 u | 0 e | 0 e | 0 e |
| Honduras | 102 | 152 o | 152 | 152 | 175 | 225 | 225 | 241 u | 241 e | 241 e |
| Jamaica | 39 | 39 | 39 | 39 | 99 | 99 | 99 e | 99 e | 99 o | 99 e |
| Martinique | 1 o | 1 o | 1 o | 1 o | 1 o | 1 e | 1 o | 13 | 15 | 14 |
| Nicaragua | 147 e | 147 | 186 | 186 | 186 | 186 | 186 o | 186 o | 186 o | 186 e |
| Panama | | 20 | 55 | 253 | 270 | 270 | 270 o | 270 | 270 e | 270 o |
| Puerto Rico | 101 | 125 | 125 | 125 | 125 | 101 | 101 e | 102 o | 102 e | 125 o |
| St Kitts Nevis | 2 | 2 | 2 | 2 | 2 | 2 u | 2 e | 2 e | 2 e | 2 e |
| Trinidad Tobago | | | | 0 | 0 | 0 | 0 e | 0 e | 0 e | 0 e |
| US Virgin Is | | 0 o | 0 o | 0 o | 0 o | 0 o | 0 e | 0 e | 0 e | 0 e |
| Eurasia | 2 276 | 2 775 | 3 645 | 4 525 | 5 801 | 6 566 | 7 146 | 7 783 | 9 868 | 12 653 |

# Onshore wind energy
# Énergie éolienne terrestre
# Energía eólica terrestre

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Armenia | 3 | 3 | 3 | 3 | 3 o | 3 e | 3 o | 3 e | 3 e | 3 e |
| Azerbaijan | 2 e | 3 | 3 | 8 | 16 u | 16 u | 66 o | 66 e | 66 | 67 |
| Georgia | | | | | 20 | 20 | 20 | 21 | 21 o | 21 o |
| Russian Fed | 10 | 10 | 10 e | 11 e | 11 e | 11 e | 52 e | 102 e | 945 | 1 955 o |
| Turkey | 2 261 | 2 760 | 3 630 | 4 503 | 5 751 | 6 516 | 7 005 | 7 591 | 8 832 o | 10 607 o |
| Europe | 102 183 | 111 497 | 122 234 | 132 014 | 143 130 | 154 822 | 163 141 | 174 282 | 182 964 | 194 237 |
| Austria | 1 337 | 1 675 | 2 110 | 2 489 | 2 730 | 2 887 | 3 133 | 3 224 | 3 226 | 3 524 u |
| Belarus | 5 | 7 | 9 | 22 | 62 | 84 | 92 | 112 | 112 | 112 e |
| Belgium | 989 | 1 072 | 1 236 | 1 464 | 1 658 | 1 910 | 2 082 | 2 308 | 2 419 | 2 518 o |
| Bosnia Herzg | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 51 | 87 | 135 u | 135 u |
| Bulgaria | 677 | 683 | 699 | 699 | 699 | 698 | 699 | 703 | 703 | 705 o |
| Croatia | 180 | 254 | 339 | 418 | 483 | 576 | 586 | 646 | 801 | 988 u |
| Cyprus | 147 | 147 | 147 | 158 | 158 | 158 | 158 | 158 o | 158 o | 158 e |
| Czechia | 258 | 262 | 278 | 281 | 282 | 308 | 316 | 339 | 339 | 339 o |
| Denmark | 3 240 | 3 548 | 3 615 | 3 806 | 3 974 | 4 225 | 4 414 | 4 402 | 4 559 | 4 708 o |
| Estonia | 266 | 248 | 275 | 300 | 310 | 312 | 310 | 316 | 317 | 317 u |
| Faroe Islands | 9 o | 9 o | 20 o | 20 o | 20 o | 20 e | 16 o | 13 o | 19 o | 19 e |
| Finland | 231 e | 421 e | 601 e | 973 e | 1 533 e | 1 971 | 1 968 o | 2 211 | 2 513 | 3 184 u |
| France | 7 607 | 8 156 | 9 201 | 10 298 | 11 567 | 13 497 | 14 898 | 16 455 | 17 482 | 18 674 o |
| Germany | 30 711 o | 32 969 o | 37 620 o | 41 297 o | 45 303 | 50 174 | 52 328 | 53 187 | 54 414 | 56 013 o |
| Greece | 1 753 | 1 809 | 1 978 | 2 091 | 2 370 | 2 624 | 2 877 | 3 589 | 4 119 | 4 457 u |
| Hungary | 325 | 329 | 329 | 329 | 329 | 329 u | 329 o | 323 | 321 | 321 e |
| Iceland | | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 e |
| Ireland | 1 679 | 1 898 | 2 258 | 2 426 | 2 776 | 3 294 | 3 649 | 4 101 | 4 282 | 4 307 o |
| Italy | 8 102 | 8 542 | 8 683 | 9 137 | 9 384 | 9 737 | 10 230 | 10 679 | 10 871 | 11 276 o |
| Kosovo* | 1 | 1 | 1 | 1 | 1 | 34 | 34 | 34 | 32 u | 137 u |
| Latvia | 59 | 66 | 69 | 68 | 70 | 77 | 78 | 78 | 78 o | 81 o |
| Lithuania | 275 | 279 | 288 | 436 | 509 | 518 | 533 | 534 | 540 | 671 o |
| Luxembourg | 58 | 58 | 58 | 64 | 120 | 120 | 123 | 136 | 153 | 157 u |
| Malta | 0 | 0 | 0 | 0 o | 0 | 0 | 0 e | 0 e | 0 e | 0 e |
| Moldova Rep | | 1 | 1 | 1 | 2 o | 9 o | 33 | 35 | 37 o | 51 o |
| Montenegro | | | | | | 72 u | 72 | 118 u | 118 e | 118 u |
| Netherlands | 2 205 o | 2 485 o | 2 637 o | 3 034 o | 3 300 o | 3 245 | 3 436 | 3 527 | 4 159 | 5 341 o |
| North Macedonia | | | 37 | 37 | 37 | 37 u | 37 u | 37 o | 37 o | 37 u |
| Norway | 703 e | 816 e | 857 | 865 e | 881 e | 1 205 o | 1 708 | 2 912 | 4 028 | 4 644 o |
| Poland | 2 564 | 3 429 | 3 836 | 4 886 | 5 747 | 5 759 | 5 766 | 5 837 | 6 298 | 6 958 u |
| Portugal | 4 410 | 4 608 | 4 855 | 4 935 | 5 124 | 5 124 | 5 172 | 5 215 | 5 097 | 5 223 o |
| Romania | 1 822 | 2 773 | 3 244 | 3 130 | 3 025 | 3 030 | 3 032 | 3 038 | 3 013 | 3 013 u |
| Serbia | 1 | 1 | 1 | 10 e | 17 | 25 u | 227 | 398 | 398 | 398 o |
| Slovakia | 3 | 5 | 3 | 3 | 3 | 4 u | 3 | 4 | 3 | 3 e |
| Slovenia | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 o |
| Spain | 22 789 | 22 953 e | 22 920 | 22 938 e | 22 985 | 23 119 | 23 400 | 25 585 | 26 814 | 27 492 o |
| Sweden | 3 443 | 3 982 | 4 875 | 5 606 | 6 232 | 6 408 | 7 097 | 8 478 | 9 773 | 11 877 u |
| Switzerland | 49 | 60 | 60 | 60 | 75 | 75 u | 75 o | 75 e | 87 o | 87 u |
| UK | 6 035 | 7 586 | 8 573 | 9 212 | 10 833 | 12 597 | 13 551 | 14 125 | 14 102 o | 14 430 u |
| Ukraine | 248 | 362 | 514 | 514 | 526 | 553 | 621 o | 1 258 o | 1 402 | 1 761 u |
| European Union (27) | 95 172 | 102 692 | 112 198 | 121 311 | 130 717 | 140 152 | 146 666 | 155 149 | 162 528 | 172 389 |
| Middle East | 115 | 122 | 165 | 286 | 423 | 504 | 609 | 775 | 923 | 1 029 |
| Bahrain | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Iran IR | 106 | 108 | 149 | 153 | 191 | 259 o | 282 o | 305 | 308 | 310 o |
| Israel | 6 | 6 e | 6 o | 6 e | 27 e | 27 e | 27 e | 27 e | 27 e | 27 e |
| Jordan | 1 o | 1 o | 1 o | 118 o | 198 o | 198 o | 280 o | 373 u | 518 o | 622 u |
| Kuwait | | 2 u | 2 e | 2 e | 2 e | 12 e | 12 e | 12 e | 12 e | 12 e |
| Lebanon | 1 u | 2 u | 3 u | 3 e | 3 e | 3 e | 3 e | 3 e | 3 e | 3 e |
| Oman | | | | | | | | 50 | 50 e | 50 e |
| Saudi Arabia | | | | | | 3 u | 3 e | 3 o | 3 e | 3 e |
| Syrian AR | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| United Arab Em | | 1 e | 2 e | 2 e | u | u | u | u | | |
| N America | 67 092 | 69 897 | 76 495 | 87 058 | 97 281 | 104 017 | 112 179 | 123 487 | 138 834 | 154 691 |
| Canada | 6 201 | 7 801 | 9 694 | 11 214 | 11 973 | 12 250 | 12 816 u | 13 413 u | 13 627 | 14 304 |
| Greenland | | | | | | | 0 o | 0 o | 0 e | 0 e |
| Mexico | 1 815 | 2 122 | 2 569 | 3 271 | 4 051 | 4 199 o | 4 876 o | 6 050 o | 6 504 o | 7 692 o |
| St Pierre Mq | 1 u | 1 u | | | | | | | | |
| USA | 59 075 | 59 973 | 64 232 | 72 573 | 81 257 | 87 568 | 94 487 | 104 023 o | 118 703 o | 132 696 o |
| Oceania | 3 235 | 3 895 | 4 531 | 4 922 | 5 066 | 5 553 | 6 184 | 7 023 | 9 442 | 9 922 |
| Australia | 2 561 | 3 221 | 3 797 | 4 181 | 4 324 | 4 812 | 5 442 | 6 279 | 8 603 o | 8 951 o |
| Cook Is | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Fiji | 10 u | 10 u | 10 u | 10 u | 10 u | 10 u | 10 u | 10 e | 10 e | 10 e |
| Fr Polynesia | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Guam | | | | | 0 o | 0 o | 0 e | 0 e | 0 e | 0 e |
| Marshall Is | | | | | | | 0 u | 0 e | 0 e | 0 e |
| Micronesia | | | | | | | 1 u | 1 e | 1 e | 1 e |
| New Caledon | 38 o | 38 o | 38 o | 38 o | 38 o | 38 o | 38 o | 38 e | 38 e | 38 e |
| New Zealand | 623 | 623 | 682 | 689 | 689 | 689 | 689 o | 689 o | 784 o | 917 |

# Onshore wind energy
# Énergie éolienne terrestre
# Energía eólica terrestre

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Samoa | | | 1 o | 1 o | 1 o | 1 o | 1 o | 1 e | 1 e | 1 e |
| Tokelau | | | | | | | | 0 o | 0 e | 0 e |
| Tonga | | 0 e | 0 e | 0 o | 0 o | 0 o | 0 o | 2 u | 2 e | 2 e |
| Vanuatu | 3 o | 3 o | 4 o | 4 o | 4 o | 3 o | 3 o | 3 o | 3 e | 3 e |
| S America | 2 340 | 2 864 | 6 580 | 9 943 | 12 947 | 15 727 | 19 141 | 20 694 | 24 034 | 29 754 |
| Argentina | 137 o | 190 o | 215 o | 187 o | 187 o | 227 e | 750 e | 1 609 o | 2 624 e | 3 292 e |
| Bolivia | 0 | 0 | 3 o | 3 o | 27 o | 27 o | 27 o | 27 o | 27 o | 128 o |
| Brazil | 1 894 | 2 202 o | 4 888 o | 7 633 o | 10 129 o | 12 304 o | 14 843 o | 15 438 o | 17 198 o | 21 161 o |
| Chile | 202 | 301 | 736 | 910 | 1 039 | 1 305 o | 1 524 o | 1 620 o | 2 149 o | 3 137 o |
| Colombia | 18 o | 18 o | 18 o | 18 o | 18 o | 18 o | 18 o | 18 o | 18 | 18 |
| Ecuador | 2 | 19 | 21 o | 21 o | 21 o | 21 o | 21 e | 21 o | 21 o | 21 o |
| Falklands Malv | 2 e | 2 e | 2 e | 2 o | 2 o | 2 o | 2 o | 2 e | 2 e | 2 e |
| Guyana | 0 | 0 | 0 | 0 | 0 | 0 | 0 e | 0 e | 0 e | 0 e |
| Peru | 1 | 1 | 143 | 240 o | 240 o | 240 o | 372 e | 372 e | 409 e | 409 o |
| South Georgia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 e | 0 e |
| Uruguay | 53 | 59 | 481 | 857 | 1 211 | 1 511 | 1 511 | 1 514 | 1 514 o | 1 514 e |
| Venezuela | 30 | 71 u | 71 u | 71 u | 71 u | 71 u | 71 u | 71 u | 71 e | 71 e |

# Offshore wind energy
# Énergie éolienne maritime
# Energía eólica marina

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 5 334 | 7 171 | 8 492 | 11 717 | 14 342 | 18 837 | 23 626 | 28 382 | 34 362 | 55 678 |
| Asia | 321 | 488 | 516 | 722 | 1 680 | 3 006 | 4 833 | 6 295 | 9 418 | 27 822 |
| China | 291 | 417 | 440 | 559 | 1 480 | 2 788 u | 4 588 u | 5 930 | 8 990 o | 26 390 o |
| Chinese Taipei | | | | | | 8 u | 8 u | 128 o | 128 o | 237 o |
| Japan | 25 | 50 | 50 | 53 | 60 | 65 u | 65 u | 65 o | 65 o | 65 o |
| Korea Rep | 5 | 5 | 11 | 11 | 41 | 46 e | 73 u | 73 u | 136 u | 136 e |
| Viet Nam | | 16 e | 16 u | 99 u | 99 o | 99 o | 99 e | 99 u | 99 e | 994 e |
| Europe | 5 013 | 6 684 | 7 976 | 10 996 | 12 633 | 15 802 | 18 763 | 22 058 | 24 915 | 27 814 |
| Belgium | 381 | 708 | 708 | 712 | 712 | 877 | 1 186 | 1 556 | 2 262 | 2 262 o |
| Denmark | 922 | 1 271 | 1 271 | 1 271 | 1 271 | 1 264 | 1 701 | 1 701 | 1 701 o | 2 306 o |
| Finland | 26 u | 26 u | 26 u | 32 u | 32 u | 73 | 73 o | 73 | 73 u | 73 u |
| France | | | | | | 2 u | 2 o | 2 u | 2 u | 2 u |
| Germany | 268 o | 508 o | 994 o | 3 283 o | 4 132 o | 5 406 | 6 393 | 7 555 | 7 774 | 7 747 o |
| Ireland | 25 | 25 | 25 | 25 | 25 | 25 u | 25 o | 25 | 25 o | 25 e |
| Netherlands | 228 o | 228 o | 228 o | 357 o | 957 o | 957 u | 957 u | 957 u | 2 460 | 2 460 o |
| Norway | 2 u | 2 u | 2 u | 2 u | 2 u | 2 o | 2 u | 2 u | 2 e | 6 u |
| Portugal | 2 | 2 | 2 | 2 | | | | 8 | 25 | 25 u |
| Spain | | 5 u | 5 u | 5 u | 5 u | 5 u | 5 | 5 o | 5 e | 5 o |
| Sweden | 163 | 212 | 213 | 213 | 203 | 203 e | 203 | 203 u | 203 u | 203 u |
| UK | 2 995 o | 3 696 o | 4 501 o | 5 093 o | 5 293 o | 6 988 | 8 217 | 9 971 | 10 383 o | 12 700 u |
| European Union (27) | 2 015 | 2 985 | 3 472 | 5 900 | 7 337 | 8 812 | 10 545 | 12 085 | 14 529 | 15 108 |
| N America | | | 0 | 0 | 29 | 29 | 29 | 29 | 29 | 42 |
| USA | | | 0 u | 0 u | 29 | 29 | 29 o | 29 o | 29 o | 42 o |

# Solar energy
# Énergie solaire
# Energía solar

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 104 312 | 141 169 | 180 216 | 228 054 | 300 199 | 395 276 | 488 820 | 591 059 | 716 788 | 849 473 |
| Africa | 411 | 732 | 1 738 | 2 256 | 3 413 | 5 236 | 8 195 | 9 500 | 10 789 | 11 387 |
| Algeria | 25 | 25 | 26 | 74 | 244 | 425 | 448 | 448 | 448 | 448 |
| Angola | 10 | 11 | 12 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| Benin | | | 0 | 1 | 3 | 3 | 3 | 3 | 3 | 3 |
| Botswana | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 6 | 6 | 6 |
| Burkina Faso | 6 | 6 | 7 | 8 | 10 | 47 | 62 | 62 | 62 | 62 |
| Burundi | 2 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 5 |
| Cabo Verde | 6 | 6 | 6 | 6 | 6 | 6 | 8 | 8 | 8 | 8 |
| Cameroon | 3 | 4 | 6 | 7 | 9 | 12 | 14 | 14 | 14 | 14 |
| Cent Afr Rep | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chad | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| Congo DR | 0 | 0 | 1 | 1 | 3 | 5 | 20 | 20 | 20 | 20 |
| Congo Rep | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 |
| Cote d Ivoire | 2 | 3 | 4 | 5 | 5 | 8 | 13 | 13 | 13 | 13 |
| Djibouti | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Egypt | 35 | 35 | 35 | 36 | 59 | 180 | 764 | 1 647 | 1 675 | 1 675 |
| Eq Guinea | | | | | | | | | | |
| Eritrea | 0 | 0 | 8 | 8 | 8 | 10 | 18 | 20 | 22 | 24 |
| Eswatini | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 11 |
| Ethiopia | 1 | 3 | 9 | 10 | 14 | 12 | 12 | 12 | 20 | 21 |
| Gabon | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Gambia | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Ghana | | 3 | 6 | 31 | 38 | 47 | 78 | 85 | 108 | 108 |
| Guinea | 1 | 3 | 3 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| Guinea Bissau | | | | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Kenya | 3 | 7 | 16 | 30 | 31 | 38 | 105 | 106 | 106 | 147 |
| Lesotho | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Liberia | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 3 | 3 |
| Libya | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |
| Madagascar | 3 | 5 | 7 | 9 | 11 | 13 | 33 | 33 | 33 | 33 |
| Malawi | 3 | 5 | 8 | 12 | 12 | 19 | 26 | 80 | 82 | 142 |
| Mali | 16 | 16 | 16 | 17 | 18 | 19 | 19 | 19 | 70 | 100 |
| Mauritania | | 18 | 18 | 18 | 35 | 35 | 87 | 88 | 88 | 88 |
| Mauritius | 1 | 2 | 18 | 19 | 27 | 29 | 67 | 83 | 83 | 83 |
| Mayotte | 13 | 13 | 13 | 13 | 13 | 15 | 15 | 15 | 18 | 18 |
| Morocco | 35 | 35 | 40 | 200 | 202 | 204 | 734 | 734 | 734 | 774 |
| Mozambique | 2 | 5 | 7 | 10 | 13 | 15 | 55 | 55 | 55 | 55 |
| Namibia | 11 | 15 | 16 | 21 | 36 | 75 | 93 | 145 | 145 | 145 |
| Niger | 4 | 5 | 6 | 7 | 8 | 9 | 27 | 27 | 27 | 27 |
| Nigeria | 15 | 15 | 16 | 17 | 18 | 19 | 19 | 28 | 28 | 33 |
| Reunion | 153 | 156 | 167 | 187 | 186 | 188 | 190 | 191 | 205 | 217 |
| Rwanda | 0 | 1 | 10 | 14 | 19 | 28 | 38 | 38 | 38 | 38 |
| Sao Tome Prn | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Senegal | 6 | 7 | 9 | 9 | 42 | 107 | 148 | 171 | 171 | 238 |
| Seychelles | | 0 | 1 | 1 | 2 | 3 | 4 | 4 | 4 | 9 |
| Sierra Leone | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 4 |
| Somalia | | | 0 | 0 | 5 | 7 | 7 | 7 | 16 | 24 |
| South Africa | 11 | 262 | 1 163 | 1 352 | 2 174 | 3 447 | 4 801 | 4 905 | 5 990 | 6 221 |
| South Sudan | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 |
| Sudan | 8 | 15 | 17 | 20 | 26 | 36 | 59 | 80 | 117 | 136 |
| Tanzania | 1 | 4 | 11 | 13 | 19 | 22 | 26 | 24 | 24 | 24 |
| Togo | 0 | 0 | 1 | 2 | 2 | 3 | 4 | 5 | 6 | 56 |
| Tunisia | 6 | 10 | 17 | 28 | 38 | 47 | 64 | 80 | 95 | 95 |
| Uganda | 17 | 19 | 20 | 22 | 24 | 44 | 67 | 77 | 87 | 92 |
| Zambia | | 0 | 0 | 0 | 0 | 0 | 1 | 96 | 96 | 96 |
| Zimbabwe | 1 | 2 | 3 | 4 | 5 | 6 | 11 | 16 | 18 | 30 |
| Asia | 16 210 | 36 225 | 60 687 | 90 573 | 140 470 | 211 815 | 276 339 | 332 679 | 410 144 | 485 848 |
| Afghanistan | 16 | 17 | 18 | 19 | 20 | 22 | 22 | 31 | 31 | 31 |
| Bangladesh | 66 | 94 | 119 | 145 | 161 | 185 | 201 | 239 | 284 | 329 |
| Bhutan | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brunei Darsm | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 |
| Cambodia | 5 | 6 | 9 | 12 | 18 | 29 | 29 | 124 | 315 | 428 |
| China | 6 719 | 17 759 | 28 399 | 43 549 | 77 819 | 130 832 | 175 262 | 204 971 | 253 964 | 306 973 |
| Chinese Taipei | 231 | 410 | 636 | 884 | 1 245 | 1 768 | 2 738 | 4 150 | 5 817 | 7 700 |
| India | 982 | 1 599 | 3 773 | 5 693 | 9 979 | 18 252 | 27 453 | 35 203 | 39 385 | 49 684 |
| Indonesia | 26 | 38 | 42 | 79 | 88 | 98 | 65 | 155 | 185 | 211 |
| Japan | 6 632 | 13 599 | 23 339 | 34 150 | 42 040 | 49 500 | 56 162 | 63 192 | 69 764 | 74 191 |
| Kazakhstan | 2 | 16 | 76 | 144 | 157 | 175 | 490 | 1 150 | 1 719 | 2 834 |
| Korea DPR | 2 | 6 | 11 | 23 | 32 | 35 | 38 | 42 | 42 | 52 |
| Korea Rep | 1 024 | 1 555 | 2 481 | 3 615 | 4 502 | 5 835 | 8 099 | 11 952 | 14 575 | 18 161 |
| Lao PDR | 0 | 0 | 2 | 2 | 2 | 8 | 34 | 34 | 34 | 34 |
| Malaysia | 32 | 139 | 205 | 266 | 344 | 394 | 545 | 894 | 1 483 | 1 787 |
| Maldives | 1 | 2 | 4 | 5 | 7 | 11 | 16 | 21 | 27 | 31 |
| Mongolia | 5 | 5 | 5 | 5 | 15 | 48 | 64 | 89 | 90 | 90 |
| Myanmar | 3 | 4 | 6 | 21 | 32 | 44 | 48 | 88 | 84 | 80 |
| Nepal | 9 | 11 | 12 | 13 | 14 | 54 | 52 | 51 | 67 | 93 |
| Pakistan | 46 | 101 | 165 | 266 | 590 | 655 | 679 | 763 | 860 | 1 083 |
| Philippines | 2 | 3 | 28 | 173 | 784 | 908 | 917 | 982 | 1 058 | 1 370 |

# Solar energy
# Énergie solaire
# Energía solar

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Singapore | 8 | 12 | 25 | 46 | 97 | 116 | 161 | 276 | 336 | 433 |
| Sri Lanka | 10 | 13 | 20 | 31 | 63 | 131 | 185 | 285 | 371 | 434 |
| Thailand | 382 | 829 | 1 304 | 1 425 | 2 451 | 2 702 | 2 967 | 2 988 | 2 988 | 3 049 |
| Timor Leste | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Uzbekistan | | 1 | 1 | 1 | 2 | 3 | 4 | 4 | 4 | 104 |
| Viet Nam | 5 | 5 | 5 | 5 | 5 | 8 | 105 | 4 993 | 16 660 | 16 660 |
| C America + Carib | 202 | 282 | 343 | 1 040 | 1 246 | 1 611 | 1 997 | 2 483 | 2 791 | 3 276 |
| Anguilla | 0 | 0 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 2 |
| Antigua Barb | 0 | 0 | 0 | 3 | 4 | 4 | 9 | 9 | 13 | 13 |
| Aruba | 1 | 2 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Bahamas | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Barbados | 2 | 2 | 7 | 9 | 20 | 21 | 22 | 35 | 50 | 50 |
| Belize | 2 | 2 | 3 | 4 | 4 | 4 | 4 | 6 | 7 | 7 |
| BES Islands | | | | 0 | 2 | 4 | 6 | 7 | 7 | 7 |
| Br Virgin Is | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cayman Is | | | | | 3 | 9 | 10 | 11 | 13 | 14 |
| Costa Rica | 10 | 13 | 17 | 22 | 24 | 28 | 28 | 48 | 57 | 74 |
| Cuba | 1 | 11 | 22 | 24 | 37 | 65 | 128 | 159 | 217 | 246 |
| Curacao | 0 | 3 | 8 | 10 | 11 | 11 | 12 | 12 | 13 | 13 |
| Dominica | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Dominican Rep | 2 | 8 | 15 | 25 | 73 | 106 | 205 | 315 | 386 | 490 |
| El Salvador | 0 | 13 | 13 | 24 | 25 | 121 | 198 | 403 | 478 | 478 |
| Grenada | 0 | 1 | 1 | 1 | 2 | 2 | 3 | 3 | 4 | 4 |
| Guadeloupe | 60 | 67 | 67 | 67 | 68 | 70 | 70 | 81 | 85 | 86 |
| Guatemala | 2 | 3 | 10 | 93 | 93 | 99 | 101 | 101 | 101 | 101 |
| Haiti | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| Honduras | 5 | 5 | 5 | 393 | 414 | 454 | 514 | 514 | 514 | 514 |
| Jamaica | 2 | 2 | 4 | 7 | 28 | 56 | 56 | 93 | 93 | 93 |
| Martinique | 60 | 62 | 63 | 65 | 67 | 68 | 71 | 76 | 76 | 78 |
| Montserrat | | | | | | | | 0 | 0 | 1 |
| Nicaragua | | 1 | 1 | 1 | 1 | 14 | 14 | 16 | 16 | 16 |
| Panama | 3 | 4 | 6 | 49 | 93 | 147 | 210 | 222 | 242 | 465 |
| Puerto Rico | 47 | 77 | 82 | 212 | 247 | 302 | 305 | 336 | 384 | 491 |
| St Barth | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| St Kitts Nevis | 0 | 0 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| St Lucia | 0 | 0 | 0 | 1 | 1 | 1 | 4 | 4 | 4 | 4 |
| St Martin | | 1 | 2 | 3 | 2 | 0 | 0 | 1 | 1 | 1 |
| St Vincent Gren | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Trinidad Tobago | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Turks Caicos | | | | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| US Virgin Is | 1 | 1 | 5 | 9 | 9 | 5 | 10 | 10 | 10 | 10 |
| Eurasia | 13 | 21 | 48 | 316 | 936 | 3 678 | 5 651 | 7 359 | 8 230 | 9 704 |
| Armenia | | | | | 1 | 2 | 17 | 50 | 95 | 183 |
| Azerbaijan | 1 | 1 | 2 | 5 | 25 | 28 | 35 | 35 | 38 | 43 |
| Georgia | | | | | 0 | 0 | 0 | 1 | 1 | 1 |
| Russian Fed | 0 | 1 | 5 | 61 | 76 | 225 | 535 | 1 276 | 1 428 | 1 661 |
| Turkey | 12 | 19 | 41 | 250 | 834 | 3 422 | 5 064 | 5 996 | 6 668 | 7 817 |
| Europe | 73 723 | 84 170 | 91 092 | 99 605 | 106 171 | 112 302 | 121 620 | 142 436 | 162 835 | 185 877 |
| Albania | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 14 | 17 | 22 |
| Andorra | | | 0 | 0 | 0 | 0 | 1 | 2 | 3 | 4 |
| Austria | 337 | 626 | 785 | 937 | 1 096 | 1 269 | 1 455 | 1 702 | 2 043 | 2 692 |
| Belarus | | | 4 | 6 | 47 | 80 | 154 | 154 | 160 | 269 |
| Belgium | 2 647 | 2 902 | 3 015 | 3 132 | 3 329 | 3 621 | 4 000 | 4 637 | 5 575 | 6 585 |
| Bosnia Herzg | 0 | 1 | 7 | 8 | 14 | 16 | 18 | 22 | 35 | 53 |
| Bulgaria | 1 013 | 1 020 | 1 026 | 1 029 | 1 028 | 1 036 | 1 033 | 1 048 | 1 097 | 1 186 |
| Croatia | 4 | 19 | 33 | 48 | 56 | 60 | 68 | 85 | 109 | 109 |
| Cyprus | 17 | 35 | 64 | 76 | 84 | 110 | 118 | 151 | 229 | 316 |
| Czechia | 2 022 | 2 064 | 2 067 | 2 075 | 2 068 | 2 070 | 2 075 | 2 086 | 2 123 | 2 119 |
| Denmark | 402 | 571 | 607 | 782 | 851 | 906 | 998 | 1 080 | 1 304 | 1 540 |
| Estonia | 0 | 2 | 3 | 7 | 10 | 15 | 32 | 121 | 208 | 414 |
| Faroe Islands | | | | | | | | 0 | 0 | 0 |
| Finland | 8 | 9 | 11 | 17 | 39 | 82 | 140 | 222 | 318 | 404 |
| France | 4 359 | 5 277 | 6 034 | 7 138 | 7 702 | 8 610 | 9 672 | 10 817 | 12 031 | 14 718 |
| Germany | 34 077 | 36 710 | 37 900 | 39 224 | 40 679 | 42 293 | 45 158 | 48 914 | 53 721 | 58 461 |
| Greece | 1 536 | 2 579 | 2 596 | 2 604 | 2 604 | 2 606 | 2 652 | 2 834 | 3 288 | 3 530 |
| Hungary | 12 | 35 | 89 | 172 | 235 | 344 | 728 | 1 400 | 2 131 | 2 131 |
| Iceland | 1 | 1 | 1 | 3 | 4 | 4 | 5 | 7 | 7 | 7 |
| Ireland | 1 | 1 | 2 | 2 | 6 | 17 | 32 | 58 | 93 | 136 |
| Italy | 16 790 | 18 190 | 18 600 | 18 907 | 19 289 | 19 688 | 20 114 | 20 871 | 21 656 | 22 698 |
| Kosovo* | | | | 0 | 2 | 7 | 7 | 10 | 10 | 10 |
| Latvia | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 5 | 8 |
| Lithuania | 7 | 68 | 69 | 69 | 70 | 78 | 92 | 133 | 248 | 338 |
| Luxembourg | 75 | 95 | 110 | 116 | 122 | 128 | 131 | 160 | 187 | 209 |
| Malta | 16 | 29 | 55 | 75 | 94 | 112 | 132 | 155 | 188 | 196 |
| Moldova Rep | | | 1 | 1 | 2 | 2 | 3 | 5 | 4 | 8 |
| Montenegro | 1 | 1 | 2 | 3 | 3 | 3 | 4 | 5 | 6 | 7 |
| Netherlands | 287 | 650 | 1 007 | 1 526 | 2 135 | 2 911 | 4 608 | 7 226 | 10 950 | 14 249 |

# Solar energy
# Énergie solaire
# Energía solar

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| North Macedonia | 4 | 7 | 15 | 17 | 17 | 17 | 21 | 26 | 94 | 94 |
| Norway | 10 | 11 | 13 | 15 | 27 | 45 | 68 | 120 | 160 | 225 |
| Poland | 1 | 2 | 27 | 108 | 187 | 287 | 562 | 1 539 | 3 955 | 6 257 |
| Portugal | 238 | 296 | 415 | 447 | 513 | 579 | 667 | 901 | 1 100 | 1 801 |
| Romania | 41 | 761 | 1 293 | 1 326 | 1 372 | 1 374 | 1 386 | 1 398 | 1 383 | 1 398 |
| Serbia | 7 | 10 | 13 | 16 | 17 | 18 | 21 | 23 | 31 | 52 |
| Slovakia | 513 | 533 | 533 | 533 | 533 | 528 | 472 | 590 | 535 | 535 |
| Slovenia | 142 | 187 | 223 | 238 | 233 | 247 | 247 | 278 | 370 | 367 |
| Spain | 6 569 | 6 994 | 7 001 | 7 008 | 7 017 | 7 027 | 7 068 | 11 143 | 12 589 | 15 952 |
| Sweden | 24 | 43 | 60 | 104 | 153 | 244 | 428 | 714 | 1 107 | 1 577 |
| Switzerland | 437 | 756 | 1 061 | 1 394 | 1 664 | 1 906 | 2 173 | 2 498 | 2 973 | 3 449 |
| UK | 1 753 | 2 937 | 5 528 | 9 601 | 11 914 | 12 760 | 13 073 | 13 346 | 13 462 | 13 689 |
| Ukraine | 372 | 748 | 819 | 841 | 955 | 1 200 | 2 003 | 5 936 | 7 331 | 8 062 |
| European Union (27) | 71 460 | 80 033 | 83 974 | 88 080 | 91 888 | 96 630 | 104 461 | 120 677 | 138 982 | 160 382 |
| Middle East | 309 | 569 | 819 | 1 076 | 1 582 | 2 217 | 3 410 | 6 181 | 7 473 | 8 411 |
| Bahrain | 1 | 1 | 5 | 5 | 6 | 6 | 6 | 9 | 10 | 11 |
| Iran IR | 0 | 1 | 9 | 9 | 43 | 184 | 286 | 346 | 430 | 456 |
| Iraq | | 30 | 37 | 37 | 37 | 37 | 37 | 37 | 37 | 37 |
| Israel | 278 | 383 | 593 | 772 | 880 | 988 | 1 291 | 2 056 | 2 472 | 2 555 |
| Jordan | 0 | 0 | 0 | 6 | 287 | 397 | 700 | 1 186 | 1 448 | 1 521 |
| Kuwait | 0 | 0 | 2 | 3 | 31 | 32 | 43 | 93 | 93 | 93 |
| Lebanon | 0 | 0 | 2 | 9 | 22 | 35 | 58 | 79 | 79 | 79 |
| Oman | | 1 | 1 | 2 | 2 | 8 | 8 | 9 | 112 | 138 |
| Palestine | 1 | 1 | 3 | 12 | 25 | 35 | 40 | 82 | 117 | 117 |
| Qatar | 1 | 2 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| Saudi Arabia | 14 | 22 | 24 | 24 | 24 | 34 | 84 | 109 | 109 | 439 |
| Syrian AR | | | | | | 0 | 1 | 2 | 2 | 2 |
| United Arab Em | 13 | 126 | 133 | 134 | 141 | 355 | 598 | 1 918 | 2 306 | 2 705 |
| Yemen | 1 | 2 | 5 | 60 | 80 | 100 | 250 | 250 | 253 | 253 |
| N America | 9 452 | 14 364 | 19 668 | 26 248 | 38 014 | 47 173 | 57 220 | 68 593 | 84 067 | 105 878 |
| Canada | 766 | 1 210 | 1 843 | 2 519 | 2 665 | 2 932 | 3 095 | 3 327 | 3 342 | 3 630 |
| Greenland | | | | | | | 0 | 0 | 0 | 0 |
| Mexico | 73 | 109 | 174 | 287 | 633 | 1 126 | 2 555 | 4 440 | 5 163 | 7 040 |
| USA | 8 613 | 13 045 | 17 651 | 23 442 | 34 716 | 43 115 | 51 570 | 60 826 | 75 562 | 95 209 |
| Oceania | 3 829 | 4 609 | 5 356 | 6 077 | 6 856 | 7 572 | 8 875 | 13 286 | 17 706 | 19 442 |
| Amer Samoa | 2 | 2 | 2 | 2 | 4 | 4 | 5 | 5 | 5 | 5 |
| Australia | 3 799 | 4 568 | 5 287 | 5 946 | 6 689 | 7 354 | 8 625 | 12 969 | 17 344 | 19 076 |
| Cook Is | 0 | 1 | 2 | 3 | 3 | 3 | 5 | 5 | 5 | 5 |
| Fiji | 1 | 1 | 2 | 3 | 5 | 7 | 9 | 10 | 10 | 10 |
| Fr Polynesia | 14 | 17 | 25 | 28 | 32 | 35 | 37 | 41 | 41 | 41 |
| Guam | 0 | 1 | 1 | 32 | 35 | 35 | 35 | 35 | 35 | 35 |
| Kiribati | 0 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| Marshall Is | 0 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| Micronesia | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| Nauru | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 2 |
| New Caledon | 3 | 3 | 3 | 7 | 9 | 26 | 29 | 62 | 80 | 80 |
| New Zealand | 4 | 8 | 22 | 37 | 53 | 70 | 90 | 116 | 142 | 146 |
| Niue | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Palau | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| Papua N Guin | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 3 | 3 |
| Samoa | 0 | 0 | 3 | 5 | 7 | 14 | 14 | 14 | 14 | 14 |
| Solomon Is | 1 | 1 | 1 | 1 | 2 | 3 | 3 | 3 | 3 | 3 |
| Tokelau | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Tonga | 1 | 2 | 2 | 3 | 3 | 6 | 6 | 6 | 6 | 6 |
| Tuvalu | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Vanuatu | 0 | 0 | 0 | 0 | 2 | 3 | 4 | 4 | 4 | 4 |
| S America | 164 | 197 | 464 | 862 | 1 511 | 3 672 | 5 512 | 8 541 | 12 753 | 19 649 |
| Argentina | 6 | 8 | 8 | 9 | 9 | 9 | 191 | 442 | 764 | 1 071 |
| Bolivia | 4 | 6 | 6 | 6 | 6 | 8 | 70 | 120 | 120 | 170 |
| Brazil | 7 | 13 | 21 | 46 | 128 | 1 207 | 2 435 | 4 613 | 7 879 | 13 055 |
| Chile | 2 | 15 | 221 | 576 | 1 125 | 1 809 | 2 137 | 2 654 | 3 205 | 4 468 |
| Colombia | 1 | 1 | 1 | 1 | 2 | 11 | 13 | 26 | 86 | 184 |
| Ecuador | 0 | 4 | 26 | 26 | 26 | 26 | 27 | 28 | 28 | 28 |
| Falklands Malv | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fr Guiana | 36 | 37 | 37 | 47 | 47 | 47 | 47 | 47 | 55 | 55 |
| Guyana | 1 | 1 | 1 | 2 | 2 | 3 | 6 | 8 | 8 | 8 |
| Paraguay | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Peru | 103 | 109 | 130 | 135 | 146 | 298 | 324 | 335 | 335 | 336 |
| Suriname | 1 | 1 | 6 | 6 | 7 | 8 | 9 | 9 | 9 | 9 |
| Uruguay | 1 | 1 | 3 | 6 | 10 | 243 | 248 | 254 | 258 | 258 |
| Venezuela | 2 | 2 | 3 | 5 | 5 | 5 | 4 | 5 | 5 | 5 |

# Solar photovoltaic
# Solaire photovoltaïque
# Solar fotovoltaica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 101 745 | 137 227 | 175 617 | 223 204 | 295 229 | 390 207 | 483 012 | 584 686 | 710 281 | 843 086 |
| Africa | 346 | 667 | 1 573 | 1 931 | 2 988 | 4 711 | 7 210 | 8 415 | 9 704 | 10 302 |
| Algeria | | | 1 | 49 | 219 | 400 o | 423 u | 423 e | 423 e | 423 e |
| Angola | 10 e | 11 e | 12 e | 13 e | 13 e | 13 e | 13 e | 13 e | 13 e | 13 e |
| Benin | | | 0 | 1 | 3 | 3 | 3 | 3 e | 3 e | 3 e |
| Botswana | 2 e | 2 e | 2 e | 2 e | 3 e | 3 e | 4 e | 6 e | 6 e | 6 e |
| Burkina Faso | 6 e | 6 e | 7 e | 8 e | 10 e | 47 e | 62 e | 62 e | 62 e | 62 e |
| Burundi | 2 e | 3 e | 3 e | 3 e | 4 e | 5 e | 5 e | 5 e | 5 e | 5 e |
| Cabo Verde | 6 | 6 | 6 | 6 | 6 | 6 | 8 e | 8 e | 8 e | 8 e |
| Cameroon | 3 e | 4 e | 6 e | 7 e | 9 e | 12 e | 14 e | 14 e | 14 e | 14 e |
| Cent Afr Rep | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 | 0 e | 0 e |
| Chad | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 1 u | 1 e |
| Congo DR | 0 e | 0 e | 1 e | 1 e | 3 u | 5 u | 20 e | 20 e | 20 e | 20 e |
| Congo Rep | 0 e | 0 e | 0 e | 0 e | 0 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Cote d Ivoire | 2 e | 3 e | 4 e | 5 e | 5 e | 8 e | 13 e | 13 e | 13 e | 13 e |
| Djibouti | 0 e | 0 e | 0 e | 0 e | 0 u | 0 u | 0 u | 0 u | 0 e | 0 e |
| Egypt | 15 | 15 | 15 | 16 o | 39 u | 160 o | 744 o | 1 627 o | 1 655 u | 1 655 e |
| Eritrea | 0 e | 0 e | 8 e | 8 e | 8 e | 10 e | 18 e | 20 e | 22 e | 24 e |
| Eswatini | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 11 e |
| Ethiopia | 1 | 3 | 9 | 10 | 14 | 12 | 12 | 12 | 20 | 21 |
| Gabon | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Gambia | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e |
| Ghana | | 3 o | 6 o | 31 o | 38 o | 47 o | 78 e | 85 e | 108 o | 108 e |
| Guinea | 1 e | 3 e | 3 e | 13 e | 13 e | 13 e | 13 e | 13 e | 13 e | 13 e |
| Guinea Bissau | | | | 0 e | 0 e | 0 e | 1 o | 1 e | 1 e | 1 e |
| Kenya | 3 e | 7 e | 16 e | 30 e | 31 e | 38 e | 105 e | 106 e | 106 u | 147 e |
| Lesotho | | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Liberia | 0 u | 0 u | 0 u | 0 u | 0 u | 2 u | 3 u | 3 e | 3 e | 3 e |
| Libya | 5 u | 5 u | 5 u | 5 u | 5 u | 5 u | 5 e | 5 e | 5 e | 6 u |
| Madagascar | 3 e | 5 e | 7 e | 9 e | 11 e | 13 e | 33 | 33 e | 33 e | 33 e |
| Malawi | 3 e | 5 e | 8 e | 12 e | 12 e | 19 e | 26 e | 80 e | 82 e | 142 e |
| Mali | 16 e | 16 o | 16 e | 17 e | 18 e | 19 e | 19 e | 19 e | 70 e | 100 u |
| Mauritania | | 18 o | 18 o | 18 o | 35 o | 35 o | 87 u | 88 u | 88 e | 88 e |
| Mauritius | 1 | 2 | 18 | 19 | 27 e | 29 e | 67 e | 83 e | 83 e | 83 e |
| Mayotte | 13 o | 13 o | 13 o | 13 o | 13 o | 15 o | 15 o | 15 e | 18 | 18 |
| Morocco | 15 | 15 | 20 | 20 | 22 | 24 o | 194 o | 194 o | 194 | 234 e |
| Mozambique | 2 e | 5 e | 7 e | 10 e | 13 e | 15 e | 55 e | 55 e | 55 e | 55 e |
| Namibia | 11 e | 15 e | 16 e | 21 e | 36 e | 75 e | 93 e | 145 e | 145 e | 145 e |
| Niger | 4 e | 5 e | 6 e | 7 e | 8 e | 9 u | 27 u | 27 u | 27 e | 27 e |
| Nigeria | 15 e | 15 e | 16 e | 17 e | 18 e | 19 e | 19 u | 28 e | 28 e | 33 e |
| Reunion | 153 o | 156 o | 167 o | 187 o | 186 o | 188 o | 190 o | 191 e | 205 e | 217 e |
| Rwanda | 0 e | 1 e | 10 e | 14 e | 19 e | 28 e | 38 e | 38 e | 38 e | 38 e |
| Sao Tome Prn | | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Senegal | 6 e | 7 e | 9 e | 9 e | 42 e | 107 e | 148 e | 171 e | 171 e | 238 e |
| Seychelles | | 0 o | 1 o | 1 o | 2 o | 3 e | 4 e | 4 e | 4 e | 9 e |
| Sierra Leone | 0 u | 0 u | 0 u | 0 u | 0 u | 4 u | 4 u | 4 e | 4 e | 4 u |
| Somalia | | | 0 e | 0 e | 5 e | 7 e | 7 e | 7 e | 16 u | 24 u |
| South Africa | 11 e | 262 e | 1 063 e | 1 252 e | 1 974 e | 3 147 e | 4 401 e | 4 405 e | 5 490 e | 5 721 e |
| South Sudan | 0 e | 0 e | 0 e | 0 e | 0 u | 0 u | 1 e | 1 u | 1 e | 1 u |
| Sudan | 8 u | 15 u | 17 u | 20 u | 26 u | 36 u | 59 u | 80 u | 117 u | 136 u |
| Tanzania | 1 e | 4 e | 11 e | 13 e | 19 e | 22 e | 26 e | 24 e | 24 e | 24 e |
| Togo | 0 e | 0 e | 1 e | 2 e | 2 e | 3 e | 4 e | 5 e | 6 e | 56 u |
| Tunisia | 6 e | 10 e | 17 e | 28 e | 38 e | 47 e | 64 e | 80 u | 95 e | 95 e |
| Uganda | 17 e | 19 e | 20 e | 22 e | 24 e | 44 e | 67 e | 77 e | 87 e | 92 e |
| Zambia | e | 0 e | 0 e | 0 e | 0 e | 0 e | 1 e | 96 e | 96 e | 96 e |
| Zimbabwe | 1 e | 2 e | 3 e | 4 e | 5 e | 6 e | 11 e | 16 e | 18 e | 30 e |
| Asia | 16 200 | 36 055 | 60 343 | 90 228 | 140 105 | 211 451 | 275 760 | 331 936 | 409 250 | 484 930 |
| Afghanistan | 16 e | 17 e | 18 e | 19 e | 20 e | 22 e | 22 e | 31 e | 31 e | 31 e |
| Bangladesh | 66 o | 94 o | 119 o | 145 o | 161 o | 185 o | 201 o | 239 e | 284 e | 329 e |
| Bhutan | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Brunei Darsm | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 o | 5 e |
| Cambodia | 5 e | 6 e | 9 e | 12 e | 18 e | 29 e | 29 e | 124 e | 315 e | 428 e |
| China | 6 718 | 17 748 | 28 388 | 43 538 | 77 788 | 130 801 | 175 016 | 204 575 e | 253 418 o | 306 403 e |
| Chinese Taipei | 231 o | 410 o | 636 o | 884 o | 1 245 o | 1 768 o | 2 738 o | 4 150 o | 5 817 o | 7 700 o |
| India | 979 e | 1 446 e | 3 444 e | 5 365 e | 9 651 e | 17 923 e | 27 125 e | 34 861 e | 39 043 e | 49 342 e |
| Indonesia | 26 e | 38 e | 42 e | 79 e | 88 e | 98 e | 65 o | 155 o | 185 o | 211 o |
| Japan | 6 632 | 13 599 | 23 339 | 34 150 | 42 040 | 49 500 | 56 162 | 63 192 | 69 764 o | 74 191 o |
| Kazakhstan | 2 e | 16 | 76 | 144 | 157 | 175 | 490 o | 1 150 e | 1 719 | 2 834 e |
| Korea DPR | 2 u | 6 u | 11 u | 23 u | 32 u | 35 u | 38 u | 42 u | 42 e | 52 e |
| Korea Rep | 1 024 | 1 555 | 2 481 | 3 615 | 4 502 o | 5 835 | 8 099 | 11 952 | 14 575 o | 18 161 o |
| Lao PDR | 0 e | 0 e | 2 e | 2 e | 2 e | 8 e | 34 e | 34 e | 34 e | 34 e |
| Malaysia | 32 o | 139 o | 205 e | 266 e | 344 e | 394 e | 545 e | 894 e | 1 483 e | 1 787 e |
| Maldives | 1 o | 2 o | 4 o | 5 o | 7 o | 11 o | 16 o | 21 u | 27 u | 31 u |
| Mongolia | 5 e | 5 e | 5 e | 5 e | 15 e | 48 e | 64 e | 89 e | 90 | 90 e |
| Myanmar | 3 e | 4 o | 6 o | 21 o | 32 o | 44 o | 48 o | 88 u | 84 e | 80 e |
| Nepal | 9 o | 11 o | 12 o | 13 o | 14 o | 54 e | 52 e | 51 e | 67 e | 93 e |
| Pakistan | 46 e | 101 e | 165 e | 266 e | 590 e | 655 e | 679 e | 763 e | 860 e | 1 083 e |
| Philippines | 2 o | 3 o | 28 o | 173 o | 784 o | 908 o | 917 o | 982 o | 1 058 o | 1 370 e |
| Singapore | 8 o | 12 o | 25 o | 46 o | 97 o | 116 o | 161 o | 276 o | 336 o | 433 o |
| Sri Lanka | 10 e | 13 e | 20 e | 31 e | 63 e | 131 e | 185 e | 285 e | 371 e | 434 e |

# Solar photovoltaic
# Solaire photovoltaïque
# Solar fotovoltaica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Thailand | 377 | 824 | 1 299 | 1 420 | 2 446 | 2 697 | 2 962 o | 2 983 o | 2 983 o | 3 044 e |
| Timor Leste | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Uzbekistan | | 1 | 1 | 1 | 2 | 3 | 4 | 4 e | 4 e | 104 e |
| Viet Nam | 5 e | 5 e | 5 e | 5 e | 5 e | 8 e | 105 e | 4 993 e | 16 660 e | 16 660 e |
| C America + Carib | 202 | 282 | 343 | 1 040 | 1 246 | 1 611 | 1 997 | 2 483 | 2 791 | 3 276 |
| Anguilla | 0 e | 0 e | 1 e | 1 e | 2 e | 2 e | 1 e | 2 e | 2 e | 2 e |
| Antigua Barb | 0 | 0 | 0 | 3 | 4 e | 4 e | 9 e | 9 e | 13 e | 13 e |
| Aruba | 1 e | 2 e | 5 e | 6 | 6 | 6 | 6 e | 6 e | 6 e | 6 e |
| Bahamas | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 2 e | 2 e | 2 e |
| Barbados | 2 u | 2 u | 7 | 9 | 20 u | 21 u | 22 u | 35 u | 50 o | 50 e |
| Belize | 2 | 2 | 3 | 4 | 4 | 4 | 4 e | 6 u | 7 e | 7 e |
| BES Islands | | | | 0 | 2 | 4 | 6 o | 7 o | 7 e | 7 e |
| Br Virgin Is | 0 | 0 | 0 | 0 | 0 | 0 | 0 e | 0 e | 0 e | 0 e |
| Cayman Is | | | | | 3 u | 9 u | 10 u | 11 u | 13 o | 14 |
| Costa Rica | 10 o | 13 o | 17 o | 22 o | 24 o | 28 o | 28 o | 48 e | 57 e | 74 e |
| Cuba | 1 | 11 | 22 | 24 | 37 | 65 u | 128 u | 159 u | 217 u | 246 |
| Curacao | 0 | 3 | 8 | 10 | 11 o | 11 o | 12 o | 12 e | 13 o | 13 e |
| Dominica | 0 | 0 | 0 | 0 | 1 | 1 | 0 e | 0 e | 0 e | 0 e |
| Dominican Rep | 2 | 8 | 15 | 25 | 73 | 106 | 205 | 315 o | 386 o | 490 e |
| El Salvador | 0 e | 13 e | 13 e | 24 e | 25 e | 121 | 198 | 403 o | 478 e | 478 e |
| Grenada | 0 o | 1 o | 1 o | 1 o | 2 o | 2 o | 3 o | 3 o | 4 | 4 |
| Guadeloupe | 60 | 67 | 67 | 67 | 68 | 70 | 70 o | 81 o | 85 o | 86 |
| Guatemala | 2 e | 3 e | 10 e | 93 e | 93 e | 99 e | 101 e | 101 e | 101 e | 101 e |
| Haiti | 1 e | 1 e | 2 e | 2 e | 2 e | 3 e | 3 e | 3 e | 3 e | 3 e |
| Honduras | 5 e | 5 e | 5 e | 393 e | 414 e | 454 e | 514 e | 514 o | 514 o | 514 e |
| Jamaica | 2 | 2 e | 4 e | 7 e | 28 e | 56 e | 56 e | 93 e | 93 e | 93 e |
| Martinique | 60 | 62 | 63 o | 65 | 67 | 68 | 71 | 76 | 76 | 78 |
| Montserrat | | | | | | | | 0 u | 0 e | 1 |
| Nicaragua | | 1 o | 1 | 1 | 1 | 14 o | 14 o | 16 o | 16 o | 16 e |
| Panama | 3 | 4 | 6 | 49 | 93 | 147 o | 210 e | 222 u | 242 e | 465 o |
| Puerto Rico | 47 o | 77 o | 82 o | 212 o | 247 o | 302 e | 305 o | 336 o | 384 e | 491 e |
| St Barth | | | | | 0 o | 0 o | 0 o | 0 e | 0 e | 0 e |
| St Kitts Nevis | 0 | 0 | 1 e | 1 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e |
| St Lucia | 0 | 0 | 0 | 1 | 1 | 1 | 4 u | 4 e | 4 o | 4 e |
| St Martin | | 1 | 2 | 3 | 2 o | 0 o | 0 e | 1 o | 1 o | 1 e |
| St Vincent Gren | 0 | 0 | 0 | 1 | 1 | 1 | 1 e | 2 u | 2 e | 2 e |
| Trinidad Tobago | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Turks Caicos | | | | 0 o | 0 e | 0 u | 0 u | 1 u | 1 e | 1 e |
| US Virgin Is | 1 e | 1 e | 5 e | 9 e | 9 e | 5 e | 10 | 10 | 10 | 10 |
| Eurasia | 13 | 20 | 47 | 315 | 935 | 3 677 | 5 650 | 7 358 | 8 229 | 9 703 |
| Armenia | | | | | 1 | 2 | 17 o | 50 o | 95 e | 183 e |
| Azerbaijan | 1 | 1 | 2 u | 5 | 25 | 28 u | 35 o | 35 | 38 u | 43 e |
| Georgia | | | | | 0 u | 0 u | 0 u | 1 u | 1 e | 1 e |
| Russian Fed | 0 | 1 | 5 e | 61 e | 76 e | 225 e | 535 e | 1 276 e | 1 428 | 1 661 e |
| Turkey | 12 u | 18 u | 40 | 249 | 833 | 3 421 o | 5 063 | 5 995 | 6 667 o | 7 816 o |
| Europe | 71 716 | 81 859 | 88 780 | 97 293 | 103 859 | 109 989 | 119 308 | 140 115 | 160 514 | 183 556 |
| Albania | 1 e | 1 e | 1 e | 1 e | 1 | 1 | 1 e | 14 | 17 e | 22 e |
| Andorra | | | 0 o | 0 o | 0 o | 0 o | 1 o | 2 o | 3 o | 4 e |
| Austria | 337 | 626 | 785 | 937 | 1 096 | 1 269 | 1 455 | 1 702 | 2 043 | 2 692 e |
| Belarus | | | 4 | 6 | 47 | 80 | 154 | 154 | 160 | 269 |
| Belgium | 2 647 | 2 902 | 3 015 | 3 132 | 3 329 | 3 621 | 4 000 | 4 637 | 5 575 | 6 585 o |
| Bosnia Herzg | 0 o | 1 o | 7 o | 8 o | 14 o | 16 | 18 o | 22 | 35 o | 53 e |
| Bulgaria | 1 013 | 1 020 | 1 026 | 1 029 | 1 028 | 1 036 | 1 033 | 1 048 | 1 097 | 1 186 o |
| Croatia | 4 | 19 | 33 | 48 | 56 | 60 | 68 | 85 | 109 | 109 o |
| Cyprus | 17 | 35 | 64 | 76 | 84 | 110 | 118 | 151 | 229 | 316 e |
| Czechia | 2 022 | 2 064 | 2 067 | 2 075 | 2 068 | 2 070 | 2 075 | 2 086 | 2 123 | 2 119 o |
| Denmark | 402 | 571 | 607 | 782 | 851 | 906 | 998 o | 1 080 | 1 304 | 1 540 o |
| Estonia | 0 u | 2 u | 3 u | 7 u | 10 | 15 | 32 | 121 | 208 | 414 o |
| Faroe Islands | | | | | | | | 0 | 0 o | 0 e |
| Finland | 8 | 9 | 11 | 17 | 39 | 82 | 140 | 222 | 318 | 404 e |
| France | 4 359 | 5 277 | 6 034 | 7 138 | 7 702 | 8 610 | 9 672 | 10 808 | 12 022 | 14 709 e |
| Germany | 34 075 | 36 708 | 37 898 | 39 222 | 40 677 | 42 291 | 45 156 | 48 912 | 53 719 | 58 459 o |
| Greece | 1 536 | 2 579 | 2 596 | 2 604 | 2 604 | 2 606 | 2 652 | 2 834 | 3 288 | 3 530 o |
| Hungary | 12 | 35 | 89 | 172 | 235 | 344 | 728 | 1 400 | 2 131 | 2 131 e |
| Iceland | 1 e | 1 e | 1 e | 3 e | 4 e | 4 e | 5 e | 7 e | 7 e | 7 e |
| Ireland | 1 | 1 | 2 | 2 | 6 | 17 | 32 | 58 o | 93 e | 136 e |
| Italy | 16 785 | 18 185 | 18 594 | 18 901 | 19 283 | 19 682 | 20 108 | 20 865 | 21 650 | 22 692 o |
| Kosovo* | | | | 0 o | 2 | 7 | 7 o | 10 | 10 e | 10 e |
| Latvia | 0 e | 0 e | 0 e | 0 | 1 | 1 | 2 | 3 | 5 | 8 o |
| Lithuania | 7 | 68 | 69 | 69 | 70 | 78 | 92 | 133 | 248 | 338 e |
| Luxembourg | 75 | 95 | 110 | 116 | 122 | 128 | 131 | 160 | 187 | 209 o |
| Malta | 16 | 29 | 55 | 75 | 94 | 112 | 132 | 155 | 188 | 196 o |
| Moldova Rep | | | 1 | 1 | 2 o | 2 o | 3 | 5 | 4 | 8 o |
| Montenegro | 1 e | 1 e | 2 e | 3 | 3 e | 3 e | 4 | 5 | 6 | 7 e |
| Netherlands | 287 | 650 | 1 007 | 1 526 | 2 135 | 2 911 | 4 608 | 7 226 | 10 950 | 14 249 o |
| North Macedonia | 4 | 7 | 15 | 17 | 17 | 17 | 21 | 26 o | 94 | 94 e |
| Norway | 10 u | 11 u | 13 u | 15 u | 27 u | 45 u | 68 | 120 | 160 | 225 e |
| Poland | 1 | 2 | 27 | 108 | 187 | 287 | 562 | 1 539 | 3 955 | 6 257 |

# Solar photovoltaic
# Solaire photovoltaïque
# Solar fotovoltaica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Portugal | 238 | 296 | 415 | 447 | 513 | 579 | 667 | 901 | 1 100 | 1 801 e |
| Romania | 41 | 761 | 1 293 | 1 326 | 1 372 | 1 374 | 1 386 | 1 398 | 1 383 | 1 398 o |
| Serbia | 7 e | 10 e | 13 e | 16 e | 17 e | 18 e | 21 e | 23 e | 31 | 52 e |
| Slovakia | 513 | 533 | 533 | 533 | 533 | 528 | 472 | 590 | 535 | 535 e |
| Slovenia | 142 | 187 | 223 | 238 | 233 | 247 | 247 | 278 | 370 | 367 o |
| Spain | 4 569 | 4 690 | 4 697 | 4 704 | 4 713 | 4 723 | 4 764 | 8 839 | 10 285 | 13 648 e |
| Sweden | 24 | 43 | 60 | 104 | 153 | 244 | 428 | 714 | 1 107 | 1 577 e |
| Switzerland | 437 | 756 | 1 061 | 1 394 | 1 664 | 1 906 o | 2 173 | 2 498 | 2 973 o | 3 449 e |
| UK | 1 753 | 2 937 | 5 528 | 9 601 | 11 914 | 12 760 | 13 073 | 13 346 | 13 462 o | 13 689 o |
| Ukraine | 372 | 748 | 819 o | 841 o | 955 o | 1 200 o | 2 003 o | 5 936 o | 7 331 | 8 062 u |
| European Union (27) | 69 453 | 77 722 | 81 662 | 85 768 | 89 576 | 94 318 | 102 149 | 118 356 | 136 661 | 158 061 |
| Middle East | 303 | 463 | 713 | 970 | 1 476 | 2 111 | 3 254 | 5 733 | 7 031 | 7 969 |
| Bahrain | 1 u | 1 e | 5 u | 5 e | 6 u | 6 e | 6 u | 9 o | 10 o | 11 u |
| Iran IR | 0 | 1 | 9 | 9 | 43 | 184 o | 286 e | 346 e | 430 e | 456 e |
| Iraq | | 30 o | 37 o | 37 e | 37 e | 37 e | 37 e | 37 e | 37 e | 37 e |
| Israel | 272 | 377 | 587 | 766 | 874 | 982 | 1 285 | 1 807 | 2 230 o | 2 313 |
| Jordan | 0 o | 0 o | 0 o | 6 o | 287 u | 397 u | 700 u | 1 186 u | 1 448 u | 1 521 e |
| Kuwait | 0 o | 0 o | 2 o | 3 o | 31 o | 32 o | 43 | 43 o | 43 e | 43 e |
| Lebanon | 0 e | 0 e | 2 e | 9 e | 22 e | 35 e | 58 o | 79 o | 79 e | 79 o |
| Oman | | 1 u | 1 e | 2 e | 2 e | 8 e | 8 e | 9 e | 112 e | 138 e |
| Palestine | 1 | 1 | 3 | 12 | 25 | 35 | 40 | 82 o | 117 e | 117 e |
| Qatar | 1 u | 2 u | 4 u | 4 e | 5 u | 5 e | 5 e | 5 e | 5 e | 5 e |
| Saudi Arabia | 14 u | 22 u | 24 e | 24 e | 24 e | 34 e | 34 e | 59 e | 59 e | 389 e |
| Syrian AR | | | | | | 0 u | 1 u | 2 u | 2 e | 2 e |
| United Arab Em | 13 e | 26 e | 33 e | 33 e | 40 e | 255 u | 498 o | 1 818 o | 2 205 u | 2 605 e |
| Yemen | 1 o | 2 o | 5 o | 60 o | 80 o | 100 e | 250 u | 250 e | 253 u | 253 e |
| N America | 8 976 | 13 078 | 18 001 | 24 490 | 36 256 | 45 415 | 55 448 | 66 821 | 82 305 | 104 369 |
| Canada | 766 | 1 210 | 1 843 | 2 519 | 2 665 | 2 932 | 3 095 | 3 327 | 3 342 u | 3 630 |
| Greenland | | | | | | | 0 o | 0 o | 0 e | 0 e |
| Mexico | 73 o | 109 o | 174 o | 287 o | 633 o | 1 126 o | 2 541 u | 4 426 o | 5 149 o | 7 026 o |
| USA | 8 137 | 11 759 | 15 984 | 21 684 | 32 958 | 41 357 | 49 812 | 59 068 | 73 814 o | 93 713 o |
| Oceania | 3 826 | 4 606 | 5 353 | 6 074 | 6 853 | 7 570 | 8 873 | 13 284 | 17 704 | 19 440 |
| Amer Samoa | 2 o | 2 o | 2 o | 2 o | 4 e | 4 e | 5 e | 5 e | 5 e | 5 e |
| Australia | 3 796 | 4 565 | 5 284 | 5 943 | 6 686 | 7 352 | 8 623 | 12 967 | 17 342 o | 19 074 o |
| Cook Is | 0 e | 1 e | 2 e | 3 e | 3 e | 3 e | 5 e | 5 e | 5 e | 5 e |
| Fiji | 1 u | 1 u | 2 u | 3 u | 5 u | 7 u | 9 u | 10 u | 10 e | 10 e |
| Fr Polynesia | 14 o | 17 o | 25 o | 28 o | 32 o | 35 o | 37 o | 41 o | 41 o | 41 e |
| Guam | 0 o | 1 o | 1 o | 32 o | 35 o | 35 o | 35 e | 35 e | 35 e | 35 e |
| Kiribati | 0 o | 1 o | 1 u | 2 u | 3 u | 3 u | 3 e | 3 e | 3 e | 3 e |
| Marshall Is | 0 e | 1 e | 1 e | 1 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e |
| Micronesia | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 2 u | 2 e | 2 e | 2 e |
| Nauru | 0 e | 0 e | 0 e | 0 e | 1 e | 1 e | 1 e | 2 e | 2 e | 2 e |
| New Caledon | 3 o | 3 o | 3 o | 7 o | 9 o | 26 o | 29 o | 62 e | 80 e | 80 e |
| New Zealand | 4 | 8 | 22 | 37 | 53 | 70 | 90 | 116 | 142 o | 146 |
| Niue | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 1 u | 1 e | 1 e |
| Palau | 1 o | 1 o | 1 o | 1 o | 1 o | 1 o | 2 e | 2 e | 2 e | 2 e |
| Papua N Guin | 0 e | 0 e | 0 e | 1 u | 1 u | 1 u | 1 u | 3 e | 3 e | 3 e |
| Samoa | 0 e | 0 e | 3 e | 5 e | 7 e | 14 e | 14 e | 14 e | 14 e | 14 e |
| Solomon Is | 1 e | 1 e | 1 e | 1 e | 2 e | 3 e | 3 e | 3 u | 3 e | 3 e |
| Tokelau | 1 u | 1 u | 1 u | 1 u | 1 u | 1 e | 1 e | 1 e | 1 e | 1 e |
| Tonga | 1 e | 2 o | 2 o | 3 o | 3 o | 6 o | 6 o | 6 e | 6 e | 6 e |
| Tuvalu | 0 o | 0 o | 0 o | 2 o | 2 o | 2 o | 2 e | 2 e | 2 e | 2 e |
| Vanuatu | 0 e | 0 e | 0 e | 0 e | 2 e | 3 e | 4 e | 4 e | 4 e | 4 e |
| S America | 164 | 197 | 464 | 862 | 1 511 | 3 672 | 5 512 | 8 541 | 12 753 | 19 541 |
| Argentina | 6 o | 8 o | 8 o | 9 o | 9 o | 9 e | 191 e | 442 o | 764 e | 1 071 e |
| Bolivia | 4 e | 6 e | 6 e | 6 e | 6 e | 8 e | 70 o | 120 o | 120 e | 170 e |
| Brazil | 7 e | 13 e | 21 e | 46 e | 128 e | 1 207 e | 2 435 e | 4 613 o | 7 879 o | 13 055 o |
| Chile | 2 | 15 | 221 | 576 | 1 125 | 1 809 o | 2 137 o | 2 654 o | 3 205 o | 4 360 o |
| Colombia | 1 | 1 | 1 | 1 | 2 | 11 | 13 | 26 | 86 | 184 e |
| Ecuador | 0 | 4 o | 26 o | 26 o | 26 o | 26 o | 27 e | 28 o | 28 o | 28 o |
| Falklands Malv | | | | 0 o | 0 o | 0 o | 0 o | 0 e | 0 e | 0 e |
| Fr Guiana | 36 o | 37 o | 37 o | 47 o | 47 o | 47 o | 47 o | 47 o | 55 e | 55 |
| Guyana | 1 | 1 | 1 | 2 | 2 | 3 | 6 e | 8 e | 8 e | 8 e |
| Paraguay | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 0 e | 0 e |
| Peru | 103 e | 109 e | 130 e | 135 e | 146 e | 298 e | 324 o | 335 o | 335 e | 336 o |
| Suriname | 1 e | 1 e | 6 e | 6 e | 7 e | 8 e | 9 o | 9 e | 9 e | 9 e |
| Uruguay | 1 | 1 o | 3 o | 6 o | 10 o | 243 | 248 | 254 | 258 o | 258 e |
| Venezuela | 2 | 2 | 3 | 5 | 5 | 5 | 4 e | 5 o | 5 e | 5 e |

# Concentrated solar power
# Solaire thermique à concentration
# Energía solar termoeléctrica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 2 567 | 3 942 | 4 599 | 4 850 | 4 970 | 5 069 | 5 808 | 6 373 | 6 507 | 6 387 |
| Africa | 65 | 65 | 165 | 325 | 425 | 525 | 985 | 1 085 | 1 085 | 1 085 |
| Algeria | 25 o | 25 o | 25 o | 25 o | 25 o | 25 e | 25 e | 25 e | 25 e | 25 e |
| Egypt | 20 | 20 | 20 | 20 | 20 | 20 o | 20 e | 20 e | 20 e | 20 e |
| Morocco | 20 | 20 | 20 | 180 | 180 | 180 o | 540 | 540 | 540 | 540 e |
| South Africa | | | 100 o | 100 o | 200 o | 300 o | 400 o | 500 u | 500 o | 500 e |
| Asia | 10 | 170 | 345 | 345 | 365 | 365 | 580 | 744 | 894 | 918 |
| China | 1 | 11 | 11 | 11 | 31 u | 31 u | 246 u | 396 u | 546 u | 570 u |
| India | 4 e | 154 u | 329 u | 329 u | 329 u | 329 u | 329 u | 343 u | 343 u | 343 u |
| Korea Rep | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | | | | |
| Thailand | 5 | 5 | 5 | 5 | 5 | 5 | 5 e | 5 e | 5 e | 5 e |
| Eurasia | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Turkey | | 1 o | 1 o | 1 o | 1 o | 1 o | 1 o | 1 e | 1 e | 1 e |
| Europe | 2 007 | 2 311 | 2 312 | 2 312 | 2 312 | 2 312 | 2 312 | 2 321 | 2 321 | 2 321 |
| France | | | | | | | | 9 o | 9 e | 9 e |
| Germany | 2 | 2 | 2 | 2 | 2 | 2 e | 2 | 2 | 2 e | 2 e |
| Italy | 5 o | 5 o | 6 o | 6 o | 6 o | 6 o | 6 e | 6 e | 6 e | 6 e |
| Romania | | | | | | 0 | 0 | 0 e | 0 e | 0 e |
| Spain | 2 000 | 2 304 | 2 304 | 2 304 | 2 304 | 2 304 | 2 304 | 2 304 | 2 304 o | 2 304 o |
| European Union (27) | 2 007 | 2 311 | 2 312 | 2 312 | 2 312 | 2 312 | 2 312 | 2 321 | 2 321 | 2 321 |
| Middle East | 6 | 106 | 106 | 106 | 106 | 106 | 156 | 448 | 442 | 442 |
| Israel | 6 e | 6 e | 6 e | 6 e | 6 e | 6 e | 6 e | 248 u | 242 o | 242 e |
| Kuwait | | | | | | | | 50 e | 50 e | 50 e |
| Saudi Arabia | | | | | | | 50 u | 50 e | 50 e | 50 e |
| United Arab Em | | 100 o | 100 o | 100 u | 100 u | 100 u | 100 e | 100 e | 100 e | 100 e |
| N America | 476 | 1 286 | 1 667 | 1 758 | 1 758 | 1 758 | 1 772 | 1 772 | 1 762 | 1 510 |
| Mexico | | | | | | | 14 o | 14 o | 14 o | 14 o |
| USA | 476 | 1 286 | 1 667 | 1 758 | 1 758 | 1 758 o | 1 758 o | 1 758 o | 1 748 o | 1 496 o |
| Oceania | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| Australia | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 o | 2 e | 2 e |
| S America | | | | | | | | | | 108 |
| Chile | | | | | | | | | | 108 |

# Bioenergy
# Bioénergie
# Bioenergía

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 77 198 | 84 545 | 90 605 | 96 351 | 105 245 | 110 966 | 118 256 | 123 940 | 133 025 | 143 371 |
| Africa | 1 187 | 1 261 | 1 361 | 1 463 | 1 499 | 1 576 | 1 687 | 1 739 | 1 740 | 1 785 |
| Angola | | | 51 | 51 | 51 | 51 | 51 | 51 | 51 | 51 |
| Burkina Faso | | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Burundi | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Chad | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Congo DR | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 3 | 3 | 3 |
| Congo Rep | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Egypt | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 79 | 79 | 79 |
| Eswatini | 123 | 123 | 106 | 106 | 106 | 106 | 106 | 106 | 106 | 106 |
| Ethiopia | 20 | 71 | 71 | 119 | 145 | 205 | 290 | 290 | 290 | 335 |
| Gabon | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Ghana | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| Kenya | 67 | 67 | 67 | 88 | 88 | 87 | 87 | 87 | 87 | 87 |
| Madagascar | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malawi | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Mali | 32 | 32 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| Mauritius | 79 | 80 | 80 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| Morocco | 1 | 1 | 1 | 5 | 7 | 7 | 7 | 7 | 7 | 7 |
| Mozambique | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| Namibia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nigeria | 6 | 8 | 9 | 9 | 10 | 10 | 10 | 10 | 10 | 10 |
| Reunion | 44 | 44 | 44 | 45 | 46 | 46 | 46 | 87 | 87 | 87 |
| Rwanda | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Senegal | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Sierra Leone | | | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| South Africa | 246 | 246 | 246 | 251 | 256 | 260 | 265 | 265 | 265 | 265 |
| Sudan | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 | 199 |
| Tanzania | 66 | 66 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 |
| Uganda | 16 | 36 | 54 | 65 | 65 | 76 | 96 | 96 | 96 | 96 |
| Zambia | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 |
| Zimbabwe | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Asia | 16 265 | 18 548 | 21 214 | 24 022 | 30 332 | 33 630 | 37 563 | 41 778 | 49 590 | 56 917 |
| Bangladesh | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Cambodia | 34 | 26 | 34 | 32 | 30 | 50 | 51 | 51 | 42 | 42 |
| China | 4 617 | 6 089 | 6 653 | 7 977 | 9 269 | 11 234 | 13 235 | 16 537 | 23 583 | 29 753 |
| Chinese Taipei | 396 | 396 | 396 | 395 | 395 | 395 | 397 | 393 | 400 | 408 |
| India | 3 929 | 4 180 | 5 030 | 5 478 | 8 895 | 9 417 | 10 137 | 10 226 | 10 532 | 10 592 |
| Indonesia | 1 970 | 1 701 | 1 729 | 1 734 | 1 775 | 1 849 | 1 875 | 1 884 | 1 896 | 1 912 |
| Japan | 1 475 | 1 514 | 1 630 | 1 901 | 2 213 | 2 608 | 3 033 | 3 506 | 4 099 | 4 592 |
| Kazakhstan | | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 8 | 16 |
| Korea Rep | 197 | 192 | 601 | 729 | 1 745 | 2 348 | 2 387 | 2 543 | 2 140 | 2 400 |
| Lao PDR | | 40 | 40 | 40 | 40 | 40 | 105 | 105 | 105 | 105 |
| Malaysia | 768 | 1 045 | 1 431 | 1 555 | 1 526 | 800 | 810 | 883 | 891 | 900 |
| Myanmar | 45 | 49 | 52 | 48 | 49 | 52 | 57 | 59 | 59 | 59 |
| Nepal | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 6 |
| Pakistan | 263 | 269 | 325 | 333 | 374 | 374 | 433 | 433 | 433 | 433 |
| Philippines | 124 | 131 | 143 | 233 | 259 | 276 | 341 | 393 | 513 | 827 |
| Singapore | 128 | 160 | 183 | 205 | 210 | 211 | 218 | 218 | 218 | 218 |
| Sri Lanka | 12 | 13 | 26 | 26 | 30 | 40 | 51 | 54 | 54 | 59 |
| Thailand | 2 175 | 2 610 | 2 796 | 3 165 | 3 322 | 3 728 | 4 037 | 4 097 | 4 222 | 4 222 |
| Viet Nam | 125 | 125 | 136 | 161 | 188 | 195 | 384 | 383 | 384 | 367 |
| C America + Carib | 1 660 | 1 772 | 1 953 | 2 075 | 2 433 | 2 529 | 2 656 | 2 939 | 3 047 | 3 047 |
| Aruba | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Belize | 28 | 28 | 28 | 28 | 44 | 52 | 52 | 42 | 42 | 42 |
| Costa Rica | 34 | 38 | 36 | 37 | 43 | 47 | 60 | 79 | 80 | 80 |
| Cuba | 519 | 470 | 499 | 530 | 495 | 532 | 554 | 842 | 951 | 951 |
| Dominican Rep | 16 | 16 | 16 | 17 | 47 | 47 | 47 | 47 | 47 | 47 |
| El Salvador | 259 | 270 | 305 | 202 | 259 | 270 | 305 | 305 | 300 | 300 |
| Guadeloupe | 31 | 31 | 31 | 31 | 31 | 31 | 35 | 35 | 35 | 35 |
| Guatemala | 473 | 598 | 714 | 873 | 1 056 | 1 091 | 1 103 | 1 036 | 1 036 | 1 036 |
| Honduras | 106 | 124 | 124 | 161 | 210 | 210 | 210 | 221 | 221 | 221 |
| Jamaica | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 |
| Martinique | 2 | 2 | 2 | 3 | 3 | 3 | 39 | 39 | 39 | 39 |
| Nicaragua | 134 | 134 | 134 | 134 | 177 | 177 | 179 | 220 | 220 | 220 |
| Panama | 28 | 30 | 30 | 27 | 32 | 33 | 33 | 33 | 33 | 33 |
| Puerto Rico | | | | | 2 | 2 | 4 | 4 | 7 | 7 |
| St Lucia | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| Eurasia | 1 340 | 1 406 | 1 628 | 1 679 | 1 767 | 1 887 | 2 005 | 2 201 | 2 519 | 3 059 |
| Azerbaijan | | 37 | 37 | 38 | 38 | 43 | 45 | 45 | 45 | 45 |
| Russian Fed | 1 197 | 1 197 | 1 370 | 1 370 | 1 370 | 1 373 | 1 373 | 1 373 | 1 373 | 1 373 |
| Turkey | 142 | 172 | 221 | 271 | 359 | 472 | 587 | 784 | 1 101 | 1 641 |
| Europe | 30 066 | 31 404 | 33 095 | 34 493 | 35 520 | 36 948 | 39 781 | 40 921 | 41 470 | 41 846 |
| Albania | | | | | | 1 | 1 | 1 | 1 | 1 |

# Bioenergy
# Bioénergie
# Bioenergía

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Andorra | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Austria | 1 672 | 1 507 | 1 411 | 1 396 | 1 393 | 1 290 | 1 271 | 1 249 | 1 251 | 1 251 |
| Belarus | 19 | 35 | 35 | 35 | 40 | 41 | 48 | 53 | 124 | 124 |
| Belgium | 986 | 965 | 913 | 943 | 923 | 912 | 887 | 906 | 922 | 931 |
| Bosnia Herzg | | | | | 1 | 1 | 1 | 3 | 3 | 3 |
| Bulgaria | 14 | 34 | 40 | 54 | 57 | 52 | 69 | 57 | 48 | 48 |
| Croatia | 19 | 24 | 25 | 53 | 63 | 87 | 115 | 127 | 135 | 145 |
| Cyprus | 9 | 10 | 10 | 10 | 10 | 10 | 13 | 13 | 13 | 13 |
| Czechia | 653 | 690 | 745 | 771 | 773 | 802 | 782 | 830 | 846 | 846 |
| Denmark | 1 376 | 1 185 | 1 248 | 1 243 | 1 305 | 1 791 | 1 774 | 1 791 | 1 785 | 1 778 |
| Estonia | 167 | 261 | 278 | 281 | 281 | 281 | 259 | 273 | 296 | 249 |
| Faroe Islands | | | | | | | | | 0 | 0 |
| Finland | 1 868 | 1 952 | 1 977 | 1 987 | 2 009 | 2 230 | 2 230 | 2 227 | 2 706 | 2 790 |
| France | 1 050 | 1 187 | 1 242 | 1 306 | 1 447 | 1 496 | 1 733 | 1 818 | 1 846 | 1 939 |
| Germany | 7 471 | 7 964 | 8 202 | 8 429 | 8 660 | 8 982 | 9 662 | 9 994 | 10 344 | 10 449 |
| Greece | 45 | 46 | 47 | 51 | 58 | 64 | 82 | 88 | 97 | 108 |
| Hungary | 331 | 328 | 549 | 519 | 427 | 491 | 513 | 504 | 509 | 509 |
| Ireland | 57 | 66 | 70 | 70 | 72 | 103 | 103 | 107 | 107 | 107 |
| Italy | 3 178 | 3 344 | 3 359 | 3 367 | 3 439 | 3 450 | 3 491 | 3 454 | 3 439 | 3 439 |
| Latvia | 66 | 108 | 121 | 126 | 143 | 154 | 134 | 158 | 156 | 171 |
| Lithuania | 53 | 69 | 76 | 76 | 79 | 87 | 111 | 112 | 133 | 131 |
| Luxembourg | 20 | 23 | 23 | 24 | 25 | 36 | 36 | 56 | 56 | 56 |
| Malta | 3 | 3 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 |
| Moldova Rep | 0 | 2 | 3 | 3 | 3 | 6 | 6 | 6 | 7 | 6 |
| Netherlands | 716 | 769 | 752 | 782 | 769 | 772 | 827 | 831 | 870 | 865 |
| North Macedonia | | | | 4 | 5 | 7 | 8 | 10 | 10 | 10 |
| Norway | 140 | 140 | 140 | 140 | 87 | 87 | 87 | 81 | 81 | 81 |
| Poland | 583 | 735 | 816 | 961 | 974 | 968 | 1 004 | 1 010 | 1 045 | 1 045 |
| Portugal | 568 | 551 | 561 | 577 | 587 | 582 | 648 | 702 | 715 | 741 |
| Romania | 35 | 46 | 94 | 118 | 123 | 140 | 141 | 139 | 165 | 164 |
| Serbia | 4 | 4 | 5 | 5 | 10 | 13 | 17 | 28 | 31 | 31 |
| Slovakia | 213 | 214 | 237 | 242 | 253 | 246 | 243 | 226 | 225 | 225 |
| Slovenia | 59 | 59 | 62 | 63 | 60 | 62 | 60 | 60 | 67 | 59 |
| Spain | 981 | 1 013 | 1 032 | 1 035 | 1 037 | 1 045 | 1 057 | 1 112 | 1 264 | 1 278 |
| Sweden | 4 348 | 4 013 | 4 483 | 4 716 | 4 850 | 4 822 | 5 021 | 5 299 | 4 462 | 4 462 |
| Switzerland | 232 | 232 | 229 | 240 | 241 | 242 | 242 | 241 | 245 | 245 |
| UK | 3 117 | 3 791 | 4 254 | 4 808 | 5 251 | 5 514 | 6 997 | 7 165 | 7 243 | 7 259 |
| Ukraine | 13 | 31 | 50 | 53 | 60 | 73 | 98 | 180 | 212 | 275 |
| European Union (27) | 26 615 | 27 240 | 28 445 | 29 279 | 29 898 | 31 038 | 32 391 | 33 312 | 33 672 | 33 969 |
| Middle East | 67 | 72 | 79 | 100 | 107 | 107 | 107 | 107 | 105 | 105 |
| Iran IR | 7 | 7 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| Israel | 10 | 14 | 17 | 28 | 28 | 28 | 28 | 28 | 26 | 26 |
| Jordan | 4 | 4 | 4 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| Lebanon | 2 | 2 | 2 | 2 | 9 | 9 | 9 | 9 | 9 | 9 |
| Palestine | | | | | | 0 | 0 | 0 | 0 | 0 |
| Qatar | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 |
| Syrian AR | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| United Arab Em | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Yemen | | | | | | | | | | 0 |
| N America | 13 777 | 14 947 | 15 628 | 16 309 | 16 470 | 16 654 | 16 536 | 15 690 | 15 704 | 17 054 |
| Canada | 2 013 | 2 041 | 2 497 | 2 473 | 2 540 | 2 642 | 2 654 | 2 410 | 2 416 | 2 416 |
| Mexico | 444 | 515 | 606 | 722 | 882 | 1 027 | 1 109 | 1 014 | 1 016 | 1 064 |
| USA | 11 321 | 12 392 | 12 526 | 13 115 | 13 049 | 12 985 | 12 774 | 12 267 | 12 271 | 13 574 |
| Oceania | 1 009 | 1 001 | 1 012 | 1 015 | 1 050 | 1 066 | 1 066 | 1 066 | 1 078 | 1 086 |
| Australia | 827 | 817 | 824 | 826 | 864 | 864 | 864 | 864 | 875 | 876 |
| Fiji | 42 | 42 | 42 | 42 | 42 | 54 | 54 | 54 | 54 | 61 |
| New Caledon | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Zealand | 120 | 120 | 124 | 125 | 122 | 126 | 126 | 126 | 126 | 126 |
| Papua N Guin | 16 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Samoa | | | | | | | | | 1 | 1 |
| Solomon Is | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Vanuatu | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| S America | 11 827 | 14 134 | 14 635 | 15 196 | 16 067 | 16 570 | 16 857 | 17 500 | 17 774 | 18 473 |
| Argentina | 249 | 256 | 244 | 252 | 203 | 248 | 250 | 298 | 310 | 288 |
| Bolivia | 85 | 85 | 126 | 134 | 142 | 142 | 160 | 174 | 185 | 200 |
| Brazil | 9 922 | 11 601 | 12 343 | 13 311 | 14 187 | 14 574 | 14 819 | 15 357 | 15 650 | 16 300 |
| Chile | 859 | 1 267 | 926 | 466 | 463 | 466 | 467 | 502 | 452 | 438 |
| Colombia | 182 | 187 | 215 | 237 | 257 | 310 | 320 | 320 | 329 | 397 |
| Ecuador | 101 | 101 | 144 | 144 | 146 | 152 | 152 | 152 | 152 | 153 |
| Fr Guiana | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 5 | 5 | 5 |
| Guyana | 51 | 51 | 51 | 51 | 42 | 42 | 42 | 42 | 42 | 42 |
| Paraguay | 0 | 39 | 39 | 39 | 39 | 39 | 39 | 22 | 22 | 22 |
| Peru | 131 | 131 | 131 | 133 | 160 | 170 | 174 | 195 | 195 | 195 |
| Suriname | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Uruguay | 243 | 413 | 415 | 424 | 424 | 424 | 430 | 431 | 431 | 431 |

# Solid biofuels and renewable waste
# Biocombustibles solides et déchets renouvelables
# Biocombustibles sólidos y residuos renovables

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 61 998 | 68 517 | 73 246 | 78 246 | 86 224 | 91 221 | 97 365 | 102 055 | 109 878 | 119 213 |
| Africa | 1 177 | 1 250 | 1 350 | 1 437 | 1 464 | 1 538 | 1 643 | 1 684 | 1 684 | 1 729 |
| Angola | | | 51 e | 51 e | 51 e | 51 e | 51 e | 51 e | 51 e | 51 e |
| Burundi | 4 e | 4 o | 4 e | 4 e | 4 e | 4 e | 4 e | 4 e | 4 e | 4 e |
| Chad | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 2 e |
| Congo DR | 0 e | 0 e | 0 e | 0 e | 0 e | 2 e | 3 e | 3 e | 3 e | 3 e |
| Congo Rep | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e |
| Egypt | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 e | 67 e |
| Eswatini | 123 | 123 | 106 | 106 | 106 e | 106 e | 106 e | 106 e | 106 e | 106 e |
| Ethiopia | 20 | 71 | 71 | 119 | 145 | 205 | 290 | 290 e | 290 | 335 |
| Ghana | 7 e | 7 e | 8 e | 8 e | 8 e | 8 e | 8 e | 8 e | 8 e | 8 e |
| Kenya | 67 e | 67 e | 67 e | 85 e | 85 e | 85 e | 85 e | 85 e | 85 e | 85 e |
| Madagascar | 0 o | 0 o | 0 o | 0 o | 0 o | 0 e | 0 e | 0 e | 0 e | 0 e |
| Malawi | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e |
| Mali | 32 e | 32 o | 40 e | 40 e | 40 e | 40 u | 40 e | 40 e | 40 e | 40 e |
| Mauritius | 77 o | 77 o | 77 o | 87 o | 87 o | 87 o | 87 o | 87 e | 87 e | 87 e |
| Mozambique | 14 e | 14 e | 14 e | 14 e | 14 e | 14 e | 14 e | 14 e | 14 e | 14 e |
| Namibia | 0 | 0 | 0 | 0 | 0 e | 0 e | 0 e | 0 | 0 e | 0 e |
| Nigeria | 6 u | 8 u | 9 u | 9 u | 10 u | 10 u | 10 u | 10 e | 10 e | 10 e |
| Reunion | 42 e | 42 e | 42 e | 42 e | 42 e | 42 e | 42 e | 83 u | 83 e | 83 e |
| Rwanda | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Senegal | 25 e | 25 e | 25 e | 25 e | 25 e | 25 e | 25 e | 25 e | 25 e | 25 e |
| Sierra Leone | | | 34 e | 34 e | 34 e | 34 e | 34 e | 34 e | 34 e | 34 e |
| South Africa | 242 e | 242 e | 242 e | 242 e | 242 e | 242 e | 242 e | 242 e | 242 e | 242 e |
| Sudan | 199 u | 199 e | 199 e | 199 e | 199 e | 199 e | 199 e | 199 e | 199 e | 199 u |
| Tanzania | 66 o | 66 o | 70 o | 70 o | 70 o | 70 e | 70 e | 70 e | 70 e | 70 e |
| Uganda | 16 e | 36 e | 54 e | 65 e | 65 e | 76 e | 96 e | 96 e | 96 e | 96 e |
| Zambia | 43 e | 43 e | 43 e | 43 e | 43 e | 43 e | 43 e | 43 e | 43 e | 43 e |
| Zimbabwe | 100 e | 100 e | 100 e | 100 e | 100 e | 100 e | 100 e | 100 e | 100 e | 100 e |
| Asia | 15 756 | 17 898 | 20 012 | 22 689 | 28 833 | 31 914 | 35 605 | 39 579 | 46 926 | 53 729 |
| Bangladesh | | | | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o |
| Cambodia | 34 o | 26 o | 34 o | 31 o | 29 o | 49 o | 49 o | 49 e | 40 e | 40 e |
| China | 4 479 | 5 896 | 6 343 | 7 646 | 8 920 | 10 780 | 12 605 | 15 738 | 22 298 o | 28 042 o |
| Chinese Taipei | 396 o | 396 o | 396 o | 393 o | 393 o | 393 o | 395 o | 391 o | 399 o | 407 o |
| India | 3 925 o | 4 175 o | 5 023 o | 5 469 o | 8 885 o | 9 405 o | 10 124 o | 10 212 o | 10 518 o | 10 578 o |
| Indonesia | 1 961 o | 1 683 o | 1 709 o | 1 679 o | 1 711 o | 1 748 o | 1 766 e | 1 771 e | 1 775 e | 1 775 e |
| Japan | 1 468 | 1 504 | 1 615 | 1 878 | 2 179 | 2 561 | 2 974 | 3 436 | 4 022 o | 4 507 o |
| Korea Rep | 89 | 93 | 124 | 255 | 1 256 | 1 853 | 1 899 | 2 056 | 1 730 e | 1 940 e |
| Lao PDR | | 40 o | 40 o | 40 o | 40 o | 40 e | 105 o | 105 e | 105 e | 105 e |
| Malaysia | 755 o | 1 030 o | 1 413 o | 1 535 o | 1 468 o | 738 o | 740 e | 780 e | 780 e | 780 e |
| Maldives | | | | | | | | 0 o | 0 e | 0 e |
| Myanmar | 43 e | 47 e | 51 e | 46 e | 48 e | 51 e | 55 e | 57 e | 57 e | 57 e |
| Nepal | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e | 6 e | 6 e |
| Pakistan | 254 e | 260 e | 316 e | 324 e | 365 e | 365 e | 423 e | 423 e | 423 o | 423 e |
| Philippines | 100 o | 100 o | 112 o | 202 o | 219 o | 235 o | 287 o | 339 o | 457 o | 764 o |
| Singapore | 128 o | 160 e | 183 e | 205 e | 210 e | 211 e | 218 e | 218 e | 218 o | 218 o |
| Sri Lanka | 12 o | 13 o | 26 o | 26 o | 30 o | 40 o | 51 o | 54 e | 54 e | 59 e |
| Thailand | 1 981 o | 2 345 o | 2 485 o | 2 793 o | 2 887 o | 3 253 o | 3 532 o | 3 567 o | 3 668 o | 3 668 e |
| Viet Nam | 125 e | 125 e | 136 e | 161 e | 186 e | 186 e | 375 e | 374 e | 375 e | 358 e |
| C America + Carib | 1 648 | 1 758 | 1 940 | 2 059 | 2 402 | 2 494 | 2 614 | 2 896 | 3 000 | 3 002 |
| Aruba | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 e | 2 e |
| Belize | 28 | 28 | 28 | 28 | 44 | 52 u | 52 e | 42 | 42 e | 42 e |
| Costa Rica | 30 | 34 | 34 | 34 | 40 | 45 | 57 o | 76 o | 76 e | 76 e |
| Cuba | 519 | 470 | 498 | 530 o | 495 o | 532 e | 554 e | 841 e | 951 e | 951 e |
| Dominican Rep | 15 e | 15 e | 15 e | 15 e | 45 e | 45 e | 45 e | 45 e | 45 e | 45 e |
| El Salvador | 252 | 263 | 298 | 195 | 252 | 263 | 298 | 298 | 294 o | 294 e |
| Guadeloupe | 31 | 31 | 31 | 31 | 31 | 31 u | 31 e | 31 e | 31 e | 31 e |
| Guatemala | 473 | 597 | 713 | 869 | 1 053 o | 1 084 o | 1 096 o | 1 029 o | 1 029 o | 1 030 o |
| Honduras | 105 o | 123 o | 123 o | 161 o | 206 o | 206 o | 206 o | 218 o | 218 o | 218 o |
| Jamaica | 32 | 32 | 32 | 32 | 32 | 32 | 32 e | 32 e | 32 e | 32 e |
| Martinique | 2 | 2 | 2 | 2 | 2 | 2 | 38 | 38 | 38 | 38 e |
| Nicaragua | 134 o | 134 o | 134 o | 134 o | 177 | 177 | 177 o | 218 o | 218 o | 218 e |
| Panama | 28 | 30 | 30 | 27 | 24 | 25 o | 25 e | 25 e | 25 e | 25 o |
| Puerto Rico | | | | | | | 2 o | 2 o | 2 o | 2 o |
| St Lucia | | | | | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Eurasia | 1 207 | 1 244 | 1 417 | 1 419 | 1 462 | 1 498 | 1 547 | 1 633 | 1 737 | 2 038 |
| Azerbaijan | | 37 | 37 | 37 | 37 e | 42 | 44 o | 44 e | 44 | 44 e |
| Russian Fed | 1 197 e | 1 197 e | 1 370 e | 1 370 e | 1 370 e | 1 373 e | 1 373 e | 1 373 e | 1 373 e | 1 373 e |
| Turkey | 10 | 10 | 10 | 12 | 55 | 83 | 130 | 216 | 320 o | 622 o |
| Europe | 18 530 | 19 329 | 20 466 | 21 351 | 21 969 | 22 957 | 25 097 | 25 501 | 25 551 | 25 706 |
| Albania | | | | | | 1 u | 1 u | 1 u | 1 e | 1 e |
| Andorra | 5 o | 5 o | 5 o | 5 o | 5 o | 5 o | 5 o | 5 o | 5 e | 5 e |
| Austria | 1 393 e | 1 307 e | 1 221 e | 1 202 e | 1 188 e | 1 108 e | 1 094 o | 1 085 e | 1 086 e | 1 086 e |

# Solid biofuels and renewable waste
# Biocombustibles solides et déchets renouvelables
# Biocombustibles sólidos y residuos renovables

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Belarus | 13 | 13 | 13 | 13 | 13 | 13 | 16 | 16 | 86 | 86 e |
| Belgium | 790 | 764 | 681 | 716 | 691 e | 685 | 652 | 665 o | 700 | 709 e |
| Bosnia Herzg | | | | | | | 0 | 1 | 1 o | 1 e |
| Bulgaria | 14 | 30 | 30 | 34 | 19 | 23 | 33 e | 24 e | 15 | 15 o |
| Croatia | 7 | 7 | 8 | 25 | 26 | 42 | 65 | 76 | 80 | 90 o |
| Czechia | 353 e | 329 e | 378 e | 403 e | 404 e | 430 e | 413 e | 462 e | 480 e | 480 e |
| Denmark | 1 296 e | 1 085 e | 1 152 e | 1 139 e | 1 198 e | 1 683 e | 1 666 e | 1 683 e | 1 666 e | 1 659 e |
| Estonia | 163 | 255 | 270 | 270 | 270 | 270 e | 250 | 265 | 285 o | 238 o |
| Finland | 1 822 e | 1 864 e | 1 877 e | 1 885 e | 1 895 e | 2 114 e | 2 114 o | 2 111 | 2 590 | 2 674 o |
| France | 794 | 889 | 900 | 920 | 1 034 | 1 052 | 1 268 | 1 318 | 1 299 e | 1 362 e |
| Germany | 2 273 o | 2 553 o | 2 533 o | 2 554 e | 2 579 e | 2 605 e | 2 648 e | 2 682 e | 2 648 e | 2 607 e |
| Greece | | | | 2 e | 2 e | 3 e | 12 | 13 | 14 | 14 o |
| Hungary | 278 | 265 | 486 | 447 | 351 | 409 | 437 | 425 | 424 | 424 e |
| Ireland | 13 e | 13 e | 16 e | 16 e | 16 e | 47 e | 47 e | 48 | 48 o | 48 e |
| Italy | 915 | 1 024 | 1 033 | 1 031 | 1 094 | 1 092 | 1 145 | 1 124 | 1 128 | 1 128 e |
| Latvia | 23 | 55 | 63 | 66 | 81 | 94 | 73 | 97 e | 96 e | 111 o |
| Lithuania | 38 | 53 | 56 | 55 | 54 | 62 | 76 | 77 | 97 | 94 o |
| Luxembourg | 10 | 13 | 12 | 13 | 13 | 23 | 24 e | 44 e | 44 o | 44 o |
| Netherlands | 497 | 539 | 515 | 543 | 548 | 551 e | 622 | 628 | 661 | 650 o |
| North Macedonia | | | | | | | 1 o | 2 o | 2 e | 2 e |
| Norway | 123 | 123 | 123 | 123 | 77 | 77 e | 77 e | 74 u | 74 e | 74 e |
| Poland | 455 | 582 | 629 | 745 | 749 | 738 | 778 | 777 | 784 | 784 e |
| Portugal | 517 | 496 | 495 | 511 | 519 | 512 | 577 | 630 | 644 | 666 e |
| Romania | 30 | 35 | 79 | 104 | 107 | 119 | 119 | 119 | 136 | 135 o |
| Serbia | | | | | | | | 2 | 2 e | 2 e |
| Slovakia | 172 | 179 | 159 | 151 | 160 | 155 | 154 | 144 e | 143 e | 143 e |
| Slovenia | 30 | 30 | 30 | 30 | 30 | 33 | 32 | 34 | 35 | 27 o |
| Spain | 748 | 770 | 790 | 789 | 789 | 793 | 793 | 839 o | 989 | 1 003 o |
| Sweden | 3 815 e | 3 460 e | 3 959 e | 4 138 e | 4 333 e | 4 273 e | 4 484 e | 4 402 e | 3 565 e | 3 565 e |
| Switzerland | 199 | 199 | 197 | 211 | 212 | 212 e | 212 o | 211 o | 211 o | 211 e |
| UK | 1 742 | 2 377 | 2 723 | 3 180 | 3 477 | 3 695 | 5 161 | 5 333 | 5 405 o | 5 418 o |
| Ukraine | 6 | 17 | 35 | 35 | 39 | 39 o | 52 o | 87 | 109 | 152 u |
| European Union (27) | 16 519 | 16 669 | 17 440 | 17 859 | 18 220 | 18 989 | 19 683 | 19 923 | 19 809 | 19 908 |
| Middle East | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 30 | 30 |
| Israel | 3 | 3 | 3 e | 3 e | 3 e | 3 e | 3 e | 3 e | o | |
| Qatar | 30 u | 30 u | 30 u | 30 u | 30 u | 30 u | 30 e | 30 e | 30 e | 30 e |
| Yemen | | | | | | | | | | 0 o |
| N America | 11 318 | 12 369 | 12 927 | 13 632 | 13 739 | 13 760 | 13 562 | 12 924 | 12 923 | 14 264 |
| Canada | 1 897 | 1 925 | 2 381 | 2 357 | 2 424 | 2 503 | 2 515 e | 2 271 e | 2 271 e | 2 271 e |
| Mexico | 406 | 478 | 570 | 686 | 797 e | 854 o | 889 o | 812 e | 813 o | 853 o |
| USA | 9 015 o | 9 966 o | 9 977 o | 10 590 o | 10 519 o | 10 404 o | 10 159 o | 9 841 o | 9 840 o | 11 140 o |
| Oceania | 729 | 729 | 730 | 730 | 806 | 823 | 823 | 823 | 827 | 835 |
| Australia | 597 | 597 | 598 | 598 | 674 o | 674 e | 674 e | 674 e | 678 e | 678 e |
| Fiji | 42 u | 42 u | 42 u | 42 u | 42 u | 54 u | 54 u | 54 e | 54 e | 61 e |
| New Zealand | 75 | 75 | 75 | 75 | 75 | 80 | 80 | 80 | 80 o | 80 e |
| Papua N Guin | 15 u | 15 u | 15 u | 15 u | 15 u | 15 u | 15 u | 15 e | 15 e | 15 e |
| Solomon Is | 1 e | 1 e | 1 e | 1 u | 1 u | 1 u | 1 u | 1 e | 1 e | 1 e |
| S America | 11 601 | 13 907 | 14 372 | 14 897 | 15 517 | 16 205 | 16 440 | 16 983 | 17 199 | 17 879 |
| Argentina | 233 e | 240 e | 227 e | 235 e | 187 e | 227 e | 228 e | 254 e | 255 e | 219 e |
| Bolivia | 85 o | 85 o | 126 o | 134 o | 142 o | 142 o | 160 o | 169 o | 180 o | 195 e |
| Brazil | 9 746 | 11 424 | 12 145 | 13 088 o | 13 722 e | 14 307 o | 14 512 o | 14 981 o | 15 228 o | 15 883 o |
| Chile | 832 e | 1 240 e | 884 e | 417 e | 410 e | 410 e | 410 e | 442 o | 396 o | 375 o |
| Colombia | 182 u | 187 u | 215 u | 237 u | 253 u | 306 u | 316 u | 316 e | 319 e | 387 e |
| Ecuador | 101 o | 101 o | 144 o | 144 o | 144 o | 144 e | 144 e | 144 o | 144 o | 144 o |
| Fr Guiana | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 5 o | 5 e | 5 o |
| Guyana | 51 | 51 | 51 | 51 | 42 | 42 | 42 | 42 | 42 e | 42 e |
| Paraguay | | 39 | 39 | 39 | 39 | 39 | 39 e | 20 e | 20 e | 20 e |
| Peru | 126 o | 126 o | 126 o | 126 o | 153 o | 163 o | 163 o | 185 o | 185 e | 185 o |
| Suriname | | | | 2 | 2 | 2 | 2 e | 2 e | 2 e | 2 e |
| Uruguay | 242 | 412 | 412 | 422 | 422 | 422 | 422 | 423 e | 423 o | 423 e |

# Bagasse
# Bagasse
# Bagazo

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 12 989 | 14 704 | 15 702 | 16 810 | 17 705 | 18 303 | 19 103 | 19 760 | 20 161 | 20 649 |
| Africa | 1 124 | 1 195 | 1 304 | 1 390 | 1 416 | 1 488 | 1 568 | 1 609 | 1 609 | 1 654 |
| Angola | | | 51 e | 51 e | 51 e | 51 e | 51 e | 51 e | 51 e | 51 e |
| Burundi | 4 e | 4 o | 4 e | 4 e | 4 e | 4 e | 4 e | 4 e | 4 e | 4 e |
| Chad | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 2 e |
| Congo Rep | 5 e | 5 e | 5 e | 5 e | 5 e | 5 e | 5 e | 5 e | 5 e | 5 e |
| Egypt | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 e | 67 e |
| Eswatini | 106 | 106 | 106 | 106 | 106 e | 106 e | 106 e | 106 e | 106 e | 106 e |
| Ethiopia | 20 | 71 | 71 | 119 | 145 | 205 | 265 | 265 | 265 | 310 |
| Kenya | 67 e | 67 e | 67 e | 85 e | 85 e | 85 e | 85 e | 85 e | 85 e | 85 e |
| Malawi | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e | 12 e |
| Mali | 32 e | 32 o | 40 e | 40 e | 40 e | 40 u | 40 e | 40 e | 40 e | 40 e |
| Mauritius | 77 o | 77 o | 77 o | 87 o | 87 o | 87 o | 87 o | 87 e | 87 e | 87 e |
| Mozambique | 14 e | 14 e | 14 e | 14 e | 14 e | 14 e | 14 e | 14 e | 14 e | 14 e |
| Nigeria | 5 u | 5 u | 5 u | 5 u | 5 u | 5 u | 5 u | 5 e | 5 e | 5 e |
| Reunion | 42 e | 42 e | 42 e | 42 e | 42 e | 42 e | 42 e | 83 u | 83 e | 83 e |
| Rwanda | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Senegal | 25 e | 25 e | 25 e | 25 e | 25 e | 25 e | 25 e | 25 e | 25 e | 25 e |
| Sierra Leone | | | 32 u | 32 e | 32 e | 32 e | 32 e | 32 e | 32 e | 32 e |
| South Africa | 242 e | 242 e | 242 e | 242 e | 242 e | 242 e | 242 e | 242 e | 242 e | 242 e |
| Sudan | 199 u | 199 e | 199 e | 199 e | 199 e | 199 e | 199 e | 199 e | 199 e | 199 u |
| Tanzania | 46 o | 46 o | 46 o | 46 o | 46 o | 46 e | 46 e | 46 e | 46 e | 46 e |
| Uganda | 16 e | 36 e | 54 e | 65 e | 65 e | 76 e | 96 e | 96 e | 96 e | 96 e |
| Zambia | 43 e | 43 e | 43 e | 43 e | 43 e | 43 e | 43 e | 43 e | 43 e | 43 e |
| Zimbabwe | 100 | 100 | 100 | 100 e | 100 e | 100 e | 100 e | 100 e | 100 e | 100 e |
| Asia | 735 | 787 | 854 | 940 | 977 | 997 | 1 350 | 1 377 | 1 457 | 1 617 |
| Cambodia | 16 o | 16 o | 16 o | 16 o | 16 o | 36 o | 36 o | 36 e | 27 e | 27 e |
| Indonesia | 200 o | 208 o | 219 o | 219 o | 219 o | 219 o | 219 o | 219 e | 219 e | 219 e |
| Lao PDR | | 40 o | 40 o | 40 o | 40 o | 40 e | 105 o | 105 e | 105 e | 105 e |
| Myanmar | 43 e | 47 e | 51 e | 46 e | 48 e | 47 e | 52 e | 54 e | 54 e | 54 e |
| Nepal | 6 e | 6 e | 6 e | 6 e | 6 e | 6 e | 6 e | 6 e | 6 e | 6 e |
| Pakistan | 254 e | 254 e | 306 e | 314 e | 314 e | 314 e | 372 o | 372 o | 372 o | 372 e |
| Philippines | 92 o | 92 o | 92 o | 149 o | 161 o | 161 o | 208 o | 233 o | 321 o | 498 o |
| Viet Nam | 125 e | 125 e | 125 e | 150 e | 174 e | 174 e | 353 u | 352 e | 353 e | 336 e |
| C America + Carib | 1 638 | 1 746 | 1 925 | 2 010 | 2 308 | 2 395 | 2 515 | 2 795 | 2 900 | 2 901 |
| Belize | 28 | 28 | 28 | 28 | 44 | 52 u | 52 e | 42 | 42 e | 42 e |
| Costa Rica | 30 | 34 | 34 | 34 | 40 | 40 | 53 o | 71 o | 71 o | 71 o |
| Cuba | 519 | 470 | 498 | 529 | 494 | 531 e | 553 e | 841 | 950 | 950 o |
| Dominican Rep | 14 o | 14 o | 14 o | 14 o | 44 o | 44 o | 44 e | 44 e | 44 e | 44 e |
| El Salvador | 252 | 263 | 298 | 195 | 252 | 263 | 298 | 298 | 294 o | 294 e |
| Guadeloupe | 30 | 30 | 30 | 30 | 30 | 30 | 30 e | 30 e | 30 e | 30 e |
| Guatemala | 473 | 594 | 711 | 867 | 1 050 o | 1 081 o | 1 094 o | 1 026 o | 1 026 o | 1 027 o |
| Honduras | 99 o | 118 o | 118 o | 122 o | 122 o | 122 o | 122 o | 132 o | 132 o | 132 o |
| Jamaica | 32 | 32 | 32 | 32 | 32 | 32 | 32 e | 32 e | 32 e | 32 e |
| Martinique | | | | | | | 36 | 36 | 36 | 36 e |
| Puerto Rico | | | | | | | 2 o | 2 o | 2 o | 2 o |
| Europe | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Portugal | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 e |
| European Union (27) | 72 | 72 | 72 | 74 | 74 | 74 | 110 | 151 | 151 | 151 |
| N America | 323 | 424 | 527 | 660 | 771 | 827 | 865 | 791 | 791 | 831 |
| Mexico | 323 | 424 | 527 | 660 | 771 e | 827 o | 865 o | 791 e | 791 o | 831 o |
| Oceania | 453 | 453 | 453 | 453 | 529 | 529 | 529 | 529 | 533 | 541 |
| Australia | 424 | 424 | 424 | 424 | 500 o | 500 o | 500 o | 500 e | 504 o | 504 o |
| Fiji | 29 u | 29 u | 29 u | 29 u | 29 u | 29 u | 29 u | 29 e | 29 e | 37 e |
| S America | 8 716 | 10 099 | 10 638 | 11 355 | 11 702 | 12 064 | 12 272 | 12 656 | 12 869 | 13 102 |
| Argentina | 65 e | 64 e | 47 e | 64 e | 45 e | 50 e | 50 e | 56 o | 57 e | 57 e |
| Bolivia | 85 o | 85 o | 126 o | 134 o | 142 o | 142 o | 160 o | 169 o | 180 o | 195 e |
| Brazil | 8 095 | 9 435 | 9 881 | 10 549 | 10 874 | 11 168 | 11 348 o | 11 714 o | 11 913 o | 12 063 o |
| Colombia | 182 u | 187 u | 215 u | 237 u | 253 u | 306 u | 316 u | 316 e | 319 e | 387 e |
| Ecuador | 101 o | 101 o | 144 o | 144 o | 144 o | 144 e | 144 e | 144 o | 144 o | 144 o |
| Guyana | 51 | 51 | 51 | 51 | 42 | 42 | 42 | 42 | 42 e | 42 e |
| Paraguay | | 39 | 39 | 39 | 39 | 39 | 39 e | 20 e | 20 e | 20 e |
| Peru | 126 o | 126 o | 126 o | 126 o | 153 o | 163 o | 163 o | 185 o | 185 e | 185 o |
| Uruguay | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 e | 10 o | 10 e |

# Renewable municipal waste
# Déchets municipaux renouvelables
# Residuos municipales renovables

| CAP (MW) | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| World | 6 899 | 7 375 | 8 513 | 8 728 | 9 674 | 10 496 | 11 410 | 12 655 | 14 212 | 17 035 | 19 520 |
| Africa | | | | | | | | 25 | 25 | 25 | 25 |
| Ethiopia | | | | | | | | 25 | 25 e | 25 | 25 |
| Asia | 2 233 | 2 605 | 3 183 | 3 446 | 3 995 | 4 535 | 5 329 | 6 383 | 7 840 | 10 523 | 12 974 |
| China | 1 131 | 1 144 | 1 700 | 1 893 | 2 342 | 2 870 | 3 640 | 4 575 | 6 009 | 8 682 o | 11 022 o |
| Chinese Taipei | 312 o | 315 o | 315 o | 315 o | 315 o | 315 o | 315 o | 316 o | 316 o | 316 o | 316 o |
| India | 83 o | 94 o | 105 o | 124 o | 137 o | 139 o | 146 o | 159 o | 165 o | 188 o | 217 o |
| Indonesia | 13 o | 13 o | 13 o | 18 o | 8 o | 8 o | 8 o | 8 o | 8 o | 8 e | 8 e |
| Japan | 503 | 838 | 852 | 876 | 900 | 919 | 935 | 958 | 975 | 963 o | 1 033 o |
| Korea Rep | 41 | 43 | 38 | 50 | 95 | 77 | 54 | 64 | 64 | 54 e | 60 e |
| Malaysia | 9 | 9 | 9 | 9 | 7 o | 7 o | 7 o | 7 o | 7 o | 7 o | 7 o |
| Maldives | | | | | | | | | 0 o | 0 e | 0 e |
| Myanmar | | | | | | | 0 u | 0 e | 0 e | 0 e | 0 e |
| Singapore | 128 o | 128 o | 128 o | 128 o | 128 o | 128 o | 128 o | 128 o | 128 o | 128 o | 128 o |
| Sri Lanka | | | | | | | | | | | 5 u |
| Thailand | 13 o | 21 o | 24 o | 33 o | 66 o | 73 o | 96 o | 159 o | 157 o | 167 o | 167 e |
| Viet Nam | | | | | | 1 u | 1 e | 11 e | 11 e | 11 e | 11 e |
| C America + Carib | 2 | 2 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| Aruba | | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 e | 2 e |
| Martinique | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 e |
| Eurasia | | | 37 | 37 | 37 | 37 | 42 | 45 | 46 | 50 | 61 |
| Azerbaijan | | | 37 | 37 | 37 | 37 e | 42 | 44 o | 44 e | 44 | 44 e |
| Turkey | | | | | | | | 1 | 2 | 6 o | 17 o |
| Europe | 3 408 | 3 492 | 3 998 | 3 947 | 4 296 | 4 576 | 4 692 | 4 851 | 4 944 | 5 081 | 5 089 |
| Albania | | | | | | | 1 u | 1 u | 1 u | 1 e | 1 e |
| Andorra | 5 o | 5 o | 5 o | 5 o | 5 o | 5 o | 5 o | 5 o | 5 o | 5 e | 5 e |
| Austria | 242 | 288 | 290 | 262 | 263 | 271 | 271 | 270 | 272 | 270 | 270 e |
| Belgium | 120 | 112 | 124 | 124 | 124 | 125 | 125 | 125 | 126 | 136 | 135 o |
| Czechia | 22 | 23 | 23 | 23 | 23 | 28 | 28 e | 28 o | 28 | 28 e | 28 e |
| Denmark | 147 | 140 | 166 | 163 | 166 | 166 | 182 | 181 | 182 | 181 | 176 o |
| Estonia | | | 105 | 105 | 105 | 105 | 105 e | 85 | 85 | 85 o | 83 o |
| Finland | 76 e | 95 e | 113 e | 126 e | 134 e | 148 e | 148 e | 148 o | 148 | 148 | 197 o |
| France | 422 | 435 | 442 | 440 | 394 | 424 | 429 | 441 | 444 | 452 | 452 e |
| Germany | 743 | 715 | 930 | 944 | 962 | 979 | 1 004 | 1 063 | 1 084 | 1 051 | 1 010 o |
| Hungary | 19 | 18 | 18 | 19 | 25 | 29 | 23 | 23 | 23 | 27 | 27 e |
| Ireland | | 8 | 8 | 11 | 11 | 11 | 41 | 41 | 41 | 41 o | 41 o |
| Italy | 371 | 377 | 418 | 413 | 415 | 409 | 408 | 412 | 396 | 402 | 402 e |
| Lithuania | | | 10 | 10 | 10 | 15 | 17 | 14 | 14 | 34 | 36 |
| Luxembourg | 10 | 10 | 10 | 9 | 9 | 9 | 9 | 9 e | 9 e | 9 o | 9 o |
| Netherlands | 325 | 325 | 325 | 325 | 325 | 325 | 325 e | 400 | 389 | 390 | 373 o |
| Norway | 44 | 44 | 44 | 44 | 44 | 50 | 50 e | 50 e | 47 | 47 e | 47 e |
| Poland | | | | | 8 | 22 | 30 | 43 | 45 | 50 | 50 e |
| Portugal | 38 | 38 | 38 | 39 | 40 | 42 | 41 | 41 | 41 | 41 | 41 o |
| Slovakia | 3 | 3 | 3 | 6 | 6 | 10 | 6 | 6 | 6 e | 6 e | 6 e |
| Spain | 112 | 112 | 117 | 117 | 117 | 117 | 121 | 121 | 121 o | 121 | 134 o |
| Sweden | 286 | 293 | 340 | 230 | 438 | 564 | 567 | 566 | 568 | 623 | 623 e |
| Switzerland | 175 | 199 | 199 | 197 | 211 | 212 | 212 e | 212 o | 211 o | 211 o | 211 e |
| UK | 251 | 257 | 273 | 340 | 465 | 514 | 545 | 568 | 661 | 723 o | 733 o |
| European Union (27) | 2 936 | 2 990 | 3 480 | 3 364 | 3 573 | 3 797 | 3 880 | 4 017 | 4 021 | 4 096 | 4 094 |
| Middle East | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 30 | 30 |
| Israel | 3 | 3 | 3 | 3 e | 3 e | 3 e | 3 e | 3 e | 3 e | | |
| Qatar | 30 u | 30 u | 30 u | 30 u | 30 u | 30 u | 30 u | 30 e | 30 e | 30 e | 30 e |
| N America | 1 223 | 1 244 | 1 260 | 1 260 | 1 308 | 1 308 | 1 307 | 1 307 | 1 307 | 1 307 | 1 307 |
| Canada | 18 | 39 | 39 | 39 | 39 | 39 | 38 | 38 e | 38 e | 38 e | 38 e |
| USA | 1 205 o | 1 205 o | 1 222 o | 1 222 o | 1 270 o | 1 270 o | 1 270 o | 1 270 o | 1 270 o | 1 270 o | 1 270 o |
| Oceania | | | | | | | | | | | 0 |
| Australia | | | | | | | | | | | 0 o |
| S America | | | | | | 3 | 3 | 5 | 13 | 14 | 30 |
| Brazil | | | | | | 3 o | 3 o | 5 o | 13 o | 14 o | 30 o |

# Other solid biofuels
# Autres biocarburants solides
# Otros biocombustibles sólidos

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 41 633 | 45 301 | 48 817 | 51 762 | 58 023 | 61 508 | 65 607 | 68 084 | 72 681 | 79 043 |
| Africa | 53 | 55 | 46 | 46 | 47 | 49 | 50 | 50 | 50 | 50 |
| Congo DR | 0 e | 0 e | 0 e | 0 e | 0 e | 2 e | 3 e | 3 e | 3 e | 3 e |
| Congo Rep | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e |
| Eswatini | 17 | 17 | | | | | | | | |
| Ghana | 7 e | 7 e | 8 e | 8 e | 8 e | 8 e | 8 e | 8 e | 8 e | 8 e |
| Madagascar | 0 o | 0 o | 0 o | 0 o | 0 o | 0 e | 0 e | 0 e | 0 e | 0 e |
| Namibia | 0 | 0 | 0 | 0 | 0 e | 0 e | 0 e | 0 | 0 e | 0 e |
| Nigeria | 1 u | 3 u | 4 u | 4 u | 5 u | 5 u | 5 u | 6 e | 6 e | 6 e |
| Sierra Leone | | | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e |
| Tanzania | 20 o | 20 o | 24 o | 24 o | 24 o | 24 e | 24 e | 24 e | 24 e | 24 e |
| Zimbabwe | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Asia | 12 416 | 13 929 | 15 712 | 17 754 | 23 321 | 25 588 | 27 871 | 30 362 | 34 946 | 39 137 |
| Bangladesh | | | | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o |
| Cambodia | 18 o | 10 o | 18 o | 15 o | 13 o | 13 o | 13 o | 13 e | 13 e | 13 e |
| China | 3 336 | 4 196 | 4 450 | 5 304 | 6 050 | 7 140 | 8 030 | 9 729 | 13 617 o | 17 021 o |
| Chinese Taipei | 81 o | 81 o | 81 o | 79 o | 79 o | 79 o | 79 o | 75 o | 83 o | 91 o |
| India | 3 831 o | 4 070 o | 4 899 o | 5 332 o | 8 746 o | 9 258 o | 9 965 o | 10 046 o | 10 331 o | 10 361 o |
| Indonesia | 1 748 o | 1 462 o | 1 472 o | 1 452 o | 1 484 o | 1 522 o | 1 540 e | 1 545 e | 1 548 e | 1 548 e |
| Japan | 630 | 652 | 739 | 978 | 1 260 | 1 626 | 2 016 | 2 461 | 3 059 o | 3 474 o |
| Korea Rep | 46 | 55 | 74 | 160 | 1 179 | 1 799 | 1 835 | 1 992 | 1 676 e | 1 880 e |
| Malaysia | 746 o | 1 022 o | 1 404 o | 1 528 o | 1 462 o | 732 o | 734 e | 774 e | 774 e | 774 e |
| Myanmar | 0 e | 0 e | 0 e | 0 e | 0 e | 3 e | 3 e | 3 e | 3 e | 3 e |
| Nepal | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | | |
| Pakistan | | 6 e | 10 e | 10 e | 51 e | 51 e | 51 e | 51 e | 51 o | 51 e |
| Philippines | 8 o | 8 o | 20 o | 53 o | 58 o | 74 o | 80 o | 107 o | 136 o | 266 o |
| Singapore | | 32 e | 55 e | 77 e | 82 e | 83 e | 90 e | 90 e | 90 o | 90 o |
| Sri Lanka | 12 o | 13 o | 26 o | 26 o | 30 o | 40 o | 51 o | 54 e | 54 e | 54 e |
| Thailand | 1 960 | 2 321 | 2 452 | 2 727 | 2 815 | 3 157 o | 3 373 o | 3 410 o | 3 501 o | 3 501 e |
| Viet Nam | | | 11 u | 11 u | 11 u | 11 u | 11 u | 11 e | 11 e | 11 e |
| C America + Carib | 8 | 10 | 11 | 45 | 90 | 95 | 95 | 96 | 96 | 96 |
| Costa Rica | | | | | | 5 | 5 | 5 | 5 e | 5 e |
| Cuba | | | 1 | 1 o | 1 o | 1 o | 1 e | 1 e | 1 e | 1 e |
| Dominican Rep | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e |
| Guadeloupe | 1 | 1 | 1 | 1 | 1 | 1 u | 1 e | 1 e | 1 e | 1 e |
| Guatemala | | 3 | 3 | 3 | 3 | 3 | 3 o | 3 o | 3 o | 3 o |
| Honduras | 6 o | 6 o | 6 o | 39 o | 84 o | 84 o | 84 o | 86 o | 86 o | 86 o |
| St Lucia | | | | | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Eurasia | 1 207 | 1 207 | 1 380 | 1 382 | 1 425 | 1 456 | 1 501 | 1 587 | 1 687 | 1 978 |
| Russian Fed | 1 197 e | 1 197 e | 1 370 e | 1 370 e | 1 370 e | 1 373 e | 1 373 e | 1 373 e | 1 373 e | 1 373 e |
| Turkey | 10 | 10 | 10 | 12 | 55 | 83 | 129 | 214 | 314 o | 605 o |
| Europe | 15 038 | 15 331 | 16 519 | 17 053 | 17 391 | 18 263 | 20 244 | 20 555 | 20 468 | 20 615 |
| Austria | 1 105 e | 1 017 e | 959 e | 939 e | 917 e | 838 e | 824 o | 813 e | 816 e | 816 e |
| Belarus | 13 | 13 | 13 | 13 | 13 | 13 | 16 | 16 | 86 | 86 e |
| Belgium | 678 | 640 | 558 | 591 | 566 e | 559 | 526 | 539 o | 564 | 574 e |
| Bosnia Herzg | | | | | | | 0 | 1 | 1 o | 1 e |
| Bulgaria | 14 | 30 | 30 | 34 | 19 | 23 | 33 e | 24 e | 15 | 15 o |
| Croatia | 7 | 7 | 8 | 25 | 26 | 42 | 65 | 76 | 80 | 90 o |
| Czechia | 330 e | 306 e | 355 e | 380 e | 376 e | 402 e | 385 e | 434 e | 452 e | 452 e |
| Denmark | 1 156 e | 919 e | 989 e | 973 e | 1 032 e | 1 501 e | 1 485 e | 1 501 e | 1 485 e | 1 483 e |
| Estonia | 163 | 150 | 165 | 165 | 165 | 165 | 165 | 180 | 200 | 155 o |
| Finland | 1 727 | 1 751 | 1 751 | 1 751 | 1 747 | 1 966 | 1 966 | 1 963 | 2 442 | 2 477 o |
| France | 360 | 446 | 461 | 526 | 610 | 623 | 827 | 874 | 847 e | 910 e |
| Germany | 1 558 o | 1 623 o | 1 589 o | 1 592 e | 1 600 e | 1 601 e | 1 585 e | 1 598 e | 1 597 e | 1 597 e |
| Greece | | | | 2 e | 2 e | 3 e | 12 | 13 | 14 | 14 o |
| Hungary | 260 | 247 | 467 | 422 | 322 | 386 | 414 | 402 | 397 | 397 e |
| Ireland | 5 e | 5 e | 5 e | 5 e | 5 e | 5 e | 5 e | 7 | 7 | 7 e |
| Italy | 538 | 606 | 620 | 616 | 685 | 684 | 733 | 728 | 726 | 726 o |
| Latvia | 23 | 55 | 63 | 66 | 81 | 94 | 73 | 97 e | 96 e | 111 o |
| Lithuania | 38 | 43 | 46 | 45 | 39 | 45 | 62 | 63 | 63 | 58 o |
| Luxembourg | | 4 | 4 | 4 | 4 | 15 | 15 | 35 | 35 o | 35 o |
| Netherlands | 172 | 215 | 190 | 218 | 223 | 226 | 222 | 239 | 271 | 277 o |
| North Macedonia | | | | | | | 1 o | 2 o | 2 e | 2 e |
| Norway | 79 | 79 | 79 | 79 | 27 | 27 e | 27 e | 27 u | 27 e | 27 e |
| Poland | 455 | 582 | 629 | 737 | 727 | 709 | 735 | 732 | 734 | 734 e |
| Portugal | 479 | 458 | 456 | 469 | 475 | 469 | 534 | 587 | 601 | 623 e |
| Romania | 30 | 35 | 79 | 104 | 107 | 119 | 119 | 119 | 136 | 135 o |
| Serbia | | | | | | | | 2 | 2 e | 2 e |
| Slovakia | 169 | 176 | 153 | 145 | 150 | 149 | 148 | 138 | 137 | 137 e |
| Slovenia | 30 | 30 | 30 | 30 | 30 | 33 | 32 | 34 | 35 | 27 o |
| Spain | 636 | 653 | 673 | 672 | 672 | 672 | 672 | 718 | 868 | 869 o |
| Sweden | 3 522 e | 3 120 e | 3 729 e | 3 700 e | 3 769 e | 3 706 e | 3 918 e | 3 834 e | 2 942 e | 2 942 e |
| UK | 1 485 | 2 104 | 2 383 | 2 715 | 2 963 | 3 150 | 4 593 | 4 673 | 4 682 o | 4 685 o |

# Other solid biofuels
# Autres biocarburants solides
# Otros biocombustibles sólidos

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Ukraine | 6 | 17 | 35 | 35 | 39 | 39 o | 52 o | 87 | 109 | 152 u |
| European Union (27) | 13 458 | 13 118 | 14 004 | 14 211 | 14 349 | 15 034 | 15 555 | 15 750 | 15 561 | 15 662 |
| Middle East | | | | | | | | | | 0 |
| Yemen | | | | | | | | | | 0 o |
| N America | 9 751 | 10 684 | 11 140 | 11 664 | 11 660 | 11 626 | 11 389 | 10 825 | 10 825 | 12 126 |
| Canada | 1 858 | 1 886 | 2 342 | 2 318 | 2 385 | 2 465 | 2 477 | 2 233 | 2 233 e | 2 233 e |
| Mexico | 83 | 54 | 43 | 26 | 26 | 27 | 23 o | 21 e | 22 o | 23 o |
| USA | 7 810 | 8 744 | 8 755 | 9 320 | 9 249 | 9 134 | 8 889 | 8 571 | 8 570 o | 9 871 o |
| Oceania | 275 | 275 | 276 | 276 | 276 | 293 | 293 | 293 | 293 | 293 |
| Australia | 173 | 173 | 174 | 174 | 174 | 174 e | 174 e | 174 o | 174 e | 174 e |
| Fiji | 12 u | 12 u | 12 u | 12 u | 12 u | 24 u | 24 u | 24 e | 24 e | 24 e |
| New Zealand | 75 | 75 | 75 | 75 | 75 | 80 | 80 | 80 | 80 o | 80 e |
| Papua N Guin | 15 u | 15 u | 15 u | 15 u | 15 u | 15 u | 15 u | 15 e | 15 e | 15 e |
| Solomon Is | 1 e | 1 e | 1 e | 1 u | 1 u | 1 u | 1 u | 1 e | 1 e | 1 e |
| S America | 2 885 | 3 808 | 3 733 | 3 542 | 3 812 | 4 139 | 4 163 | 4 314 | 4 316 | 4 747 |
| Argentina | 167 e | 175 e | 181 e | 171 e | 141 e | 177 e | 178 e | 198 e | 198 e | 162 e |
| Brazil | 1 651 | 1 989 | 2 264 | 2 539 o | 2 846 e | 3 136 o | 3 159 o | 3 255 o | 3 301 o | 3 790 o |
| Chile | 832 e | 1 240 e | 884 e | 417 e | 410 e | 410 e | 410 e | 442 o | 396 o | 375 o |
| Colombia | | | | | | 0 o | 0 o | | | |
| Fr Guiana | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 2 o | 5 o | 5 e | 5 o |
| Guyana | | | | 0 | 0 | 0 | 1 | 1 | 1 e | 1 e |
| Suriname | | | | 2 | 2 | 2 | 2 e | 2 e | 2 e | 2 e |
| Uruguay | 232 | 402 | 402 | 412 | 412 | 412 | 412 | 413 e | 413 o | 413 e |

# Liquid biofuels
# Biocarburants liquides
# Biocarburantes líquidos

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 2 066 | 2 041 | 2 338 | 2 419 | 2 322 | 2 357 | 2 402 | 2 627 | 2 548 | 2 584 |
| Africa | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burkina Faso | | 0 u | 0 u | 0 u | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Tanzania | | | 0 u | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Asia | | | 356 | 361 | 360 | 359 | 348 | 348 | 293 | 329 |
| Korea Rep | | | 356 | 361 | 360 | 359 | 348 | 348 | 293 e | 329 e |
| Eurasia | | | 7 | 7 | 7 | 12 | 19 | 19 | 19 | 19 |
| Turkey | | | 7 | 7 | 7 | 12 | 19 | 19 | 19 e | 19 e |
| Europe | 1 855 | 1 879 | 1 797 | 1 865 | 1 792 | 1 813 | 1 791 | 2 128 | 2 105 | 2 105 |
| Austria | 6 | 6 | 1 | 3 | 3 | 1 | 1 | 1 | 0 | 0 e |
| Belgium | 55 | 50 | 51 | 49 | 45 | 45 | 45 | 45 e | 23 | 23 e |
| Denmark | | 7 | | 1 | 0 | 1 | 1 | 1 | 0 e | 0 e |
| France | | | | 3 | 4 | 0 | 0 | 0 | 15 | 15 e |
| Germany | 277 | 263 | 232 | 232 | 231 | 230 | 230 | 231 | 231 e | 231 e |
| Italy | 989 | 1 003 | 990 | 1 000 | 993 e | 987 | 971 | 948 | 932 | 932 e |
| Poland | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Slovenia | | 1 | 1 | 1 | 1 | 1 | 1 | 1 o | 1 | 1 e |
| Spain | | | | | | | 6 | 6 e | 6 e | 6 e |
| Sweden | 528 | 548 | 522 | 576 | 515 | 547 | 535 | 895 | 895 e | 895 e |
| European Union (27) | 1 855 | 1 879 | 1 797 | 1 865 | 1 792 | 1 813 | 1 791 | 2 128 | 2 105 | 2 105 |
| N America | 204 | 155 | 155 | 155 | 155 | 165 | 236 | 123 | 123 | 123 |
| USA | 204 | 155 | 155 | 155 | 155 o | 165 | 236 | 123 | 123 e | 123 o |
| Oceania | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Fiji | 0 u | 0 u | 0 u | 0 u | 0 u | 0 u | 0 u | 0 e | 0 e | 0 e |
| New Caledon | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 0 o | 0 e | 0 e | 0 e |
| Solomon Is | | | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| Vanuatu | 3 e | 3 e | 3 e | 3 e | 3 e | 3 e | 3 e | 3 e | 3 e | 3 e |
| S America | 4 | 4 | 19 | 27 | 4 | 5 | 5 | 5 | 5 | 5 |
| Brazil | 4 | 4 | 19 | 27 | 4 o | 5 o | 5 o | 5 o | 5 o | 5 o |

# Biogas
# Biogaz
# Biogás

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 13 134 | 13 987 | 15 021 | 15 687 | 16 698 | 17 388 | 18 489 | 19 258 | 20 599 | 21 574 |
| Africa | 10 | 11 | 11 | 26 | 35 | 38 | 43 | 54 | 55 | 55 |
| Burkina Faso | | | | 1 o | 1 o | 1 o | 1 e | 1 e | 1 e | 1 e |
| Egypt | | | | | | | | 12 o | 12 e | 12 e |
| Gabon | | | | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Ghana | | | | 0 o | 0 o | 0 e | 0 o | 0 e | 0 o | 0 e |
| Kenya | 0 e | 0 e | 0 e | 3 e | 3 e | 2 e | 2 e | 2 e | 2 e | 2 e |
| Mauritius | 2 | 3 | 3 | 3 | 3 o | 3 e | 3 e | 3 e | 3 e | 3 e |
| Morocco | 1 o | 1 o | 1 o | 5 o | 7 | 7 | 7 | 7 | 7 | 7 e |
| Nigeria | | | | | 0 u | 0 u | 0 u | 0 e | 0 e | 0 e |
| Reunion | 2 o | 2 o | 2 o | 3 o | 4 o | 4 e | 4 o | 4 e | 4 e | 4 e |
| South Africa | 4 e | 4 e | 4 e | 9 e | 14 e | 18 e | 23 u | 23 e | 23 e | 23 e |
| Tanzania | 1 o | 1 o | 1 o | 1 o | 1 u | 1 e | 1 e | 1 e | 1 e | 1 e |
| Asia | 509 | 650 | 846 | 972 | 1 139 | 1 357 | 1 610 | 1 852 | 2 371 | 2 859 |
| Bangladesh | 3 o | 3 o | 4 o | 4 o | 5 o | 5 o | 5 o | 5 o | 5 o | 5 e |
| Cambodia | | | | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e | 2 e |
| China | 138 | 193 | 310 | 331 | 350 | 454 | 630 | 799 | 1 285 o | 1 711 o |
| Chinese Taipei | | | | 1 o | 1 o | 1 o | 1 e | 1 o | 1 o | 1 e |
| India | 4 o | 6 o | 7 o | 10 o | 10 o | 13 e | 14 e | 14 e | 14 e | 14 e |
| Indonesia | 9 o | 18 o | 19 o | 55 o | 64 e | 101 e | 109 e | 112 o | 120 e | 137 e |
| Japan | 7 | 10 | 15 | 23 | 34 | 47 | 59 | 70 | 77 o | 85 o |
| Kazakhstan | | 0 | 0 | 0 | 0 | 1 o | 1 o | 2 e | 8 | 16 e |
| Korea Rep | 108 | 99 | 121 | 113 | 129 | 136 o | 140 | 139 | 117 e | 131 e |
| Lao PDR | | | | | | | 0 o | 0 o | 0 o | 0 o |
| Malaysia | 12 o | 14 o | 18 o | 20 o | 58 o | 62 o | 70 o | 103 e | 111 e | 120 e |
| Myanmar | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Pakistan | 9 e | 9 e | 9 e | 9 e | 9 e | 9 e | 10 e | 10 e | 10 e | 10 e |
| Philippines | 24 u | 31 e | 31 e | 31 e | 40 e | 42 e | 54 e | 54 o | 56 e | 63 e |
| Sri Lanka | | | | 0 o | 0 o | 0 o | 0 o | 0 e | 0 e | 0 u |
| Thailand | 193 | 266 | 312 | 373 | 435 | 475 | 505 o | 530 o | 554 o | 554 e |
| Viet Nam | | | | | 2 e | 9 e | 9 e | 9 e | 9 e | 9 e |
| C America + Carib | 12 | 14 | 13 | 16 | 31 | 35 | 42 | 43 | 46 | 45 |
| Costa Rica | 4 | 4 | 2 | 3 | 3 | 3 | 3 o | 4 | 5 | 5 o |
| Cuba | | | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e | 1 e |
| Dominican Rep | 1 o | 1 o | 1 o | 2 o | 2 o | 2 o | 2 e | 2 e | 2 e | 2 e |
| El Salvador | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 o | 7 e |
| Guadeloupe | 0 | 0 | 0 | 0 | 0 | 0 | 5 o | 5 o | 5 o | 5 e |
| Guatemala | | 1 | 1 | 4 | 4 | 7 | 7 o | 7 o | 7 o | 6 o |
| Honduras | 1 o | 1 o | 1 e | 0 e | 4 e | 4 e | 4 e | 4 e | 4 e | 4 e |
| Martinique | | | | 1 | 1 o | 1 o | 1 | 1 | 1 | 1 e |
| Nicaragua | | | | | 0 e | 0 e | 2 e | 2 e | 2 e | 2 e |
| Panama | | | | | 8 | 8 o | 8 e | 8 o | 8 e | 8 o |
| Puerto Rico | | | | o | 2 o | 2 o | 2 o | 2 o | 5 e | 5 o |
| Eurasia | 133 | 162 | 204 | 253 | 298 | 378 | 440 | 549 | 763 | 1 001 |
| Armenia | 1 | | | | | | | | | |
| Azerbaijan | | | | 1 | 1 | 1 | 1 o | 1 e | 1 | 1 o |
| Turkey | 132 | 162 | 204 | 252 | 297 | 377 | 438 | 548 | 762 o | 1 000 o |
| Europe | 9 681 | 10 196 | 10 831 | 11 277 | 11 759 | 12 178 | 12 892 | 13 291 | 13 814 | 14 035 |
| Austria | 273 e | 194 e | 189 e | 191 e | 202 e | 180 e | 175 o | 164 e | 165 e | 165 e |
| Belarus | 6 | 22 | 22 | 22 | 27 | 28 | 33 o | 38 e | 39 | 39 e |
| Belgium | 141 | 151 | 181 | 179 | 188 | 183 | 190 | 197 | 199 | 199 e |
| Bosnia Herzg | | | | | 1 u | 1 e | 1 | 2 | 2 o | 2 e |
| Bulgaria | | 4 | 10 | 20 | 38 | 29 | 36 e | 33 e | 33 e | 33 o |
| Croatia | 12 | 17 | 17 | 28 | 37 o | 45 o | 51 o | 52 e | 55 o | 55 o |
| Cyprus | 9 | 10 | 10 | 10 | 10 | 10 e | 13 e | 13 e | 13 o | 13 e |
| Czechia | 300 o | 361 o | 367 o | 368 o | 369 o | 372 o | 369 o | 368 e | 366 e | 366 e |
| Denmark | 80 e | 93 e | 96 e | 104 e | 107 e | 108 e | 108 e | 108 e | 119 e | 119 e |
| Estonia | 4 e | 6 e | 8 e | 11 e | 11 e | 11 e | 9 e | 8 e | 11 e | 11 o |
| Faroe Islands | | | | | | | | | 0 o | 0 e |
| Finland | 46 e | 88 e | 100 e | 102 e | 114 | 116 | 116 | 116 | 116 o | 116 e |
| France | 256 | 298 | 342 | 383 | 409 | 444 | 465 | 500 | 533 | 563 o |
| Germany | 4 921 o | 5 148 o | 5 437 o | 5 643 o | 5 850 o | 6 147 o | 6 784 o | 7 081 o | 7 465 e | 7 611 e |
| Greece | 45 u | 46 u | 47 u | 49 u | 56 u | 62 u | 70 u | 75 o | 83 e | 94 e |
| Hungary | 53 | 63 | 63 | 72 | 76 | 82 | 76 | 79 | 85 | 85 e |
| Ireland | 44 o | 52 o | 53 o | 53 o | 56 o | 56 o | 57 | 59 e | 59 o | 59 e |
| Italy | 1 274 | 1 317 | 1 336 | 1 336 | 1 352 | 1 372 | 1 375 | 1 382 | 1 379 | 1 379 o |
| Latvia | 43 e | 53 e | 58 e | 60 e | 62 e | 60 | 61 | 61 e | 60 e | 60 o |
| Lithuania | 15 | 16 | 20 | 21 | 25 e | 25 e | 35 o | 35 o | 36 e | 37 e |
| Luxembourg | 10 | 10 | 10 | 12 | 12 | 12 e | 12 e | 12 e | 12 o | 12 o |
| Malta | 3 | 3 | 3 | 3 | 5 | 5 | 5 e | 5 e | 5 e | 5 e |
| Moldova Rep | 0 | 2 | 3 | 3 | 3 | 6 | 6 | 6 | 7 | 6 o |
| Netherlands | 219 e | 230 e | 237 e | 239 e | 221 e | 221 e | 205 e | 203 e | 209 e | 215 e |
| North Macedonia | | | | 4 | 5 | 7 | 7 o | 8 | 8 o | 8 e |
| Norway | 17 | 17 | 17 | 17 | 10 | 10 e | 10 e | 7 | 7 e | 7 e |

# Biogas
# Biogaz
# Biogás

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Poland | 128 o | 153 o | 187 o | 216 o | 225 o | 229 e | 225 e | 233 e | 261 e | 261 e |
| Portugal | 51 | 55 | 66 | 66 | 68 | 70 | 71 | 72 | 71 | 75 e |
| Romania | 5 | 11 | 15 | 14 | 16 | 22 | 22 | 20 | 30 | 30 e |
| Serbia | 4 | 4 | 5 | 5 | 10 | 13 | 17 | 26 | 29 | 29 e |
| Slovakia | 41 | 35 | 78 | 91 | 93 | 91 | 89 | 82 | 82 e | 82 e |
| Slovenia | 29 | 28 | 31 | 32 | 29 | 27 | 27 | 25 | 30 | 30 o |
| Spain | 233 | 243 | 243 | 245 | 248 | 251 | 258 | 267 | 269 | 269 e |
| Sweden | 5 e | 5 e | 2 e | 2 e | 2 e | 2 e | 2 o | 2 e | 2 e | 2 e |
| Switzerland | 33 | 33 | 32 | 29 | 29 o | 30 | 30 | 30 | 34 o | 34 e |
| UK | 1 375 o | 1 414 o | 1 531 o | 1 628 o | 1 774 o | 1 819 o | 1 836 o | 1 832 o | 1 838 o | 1 841 o |
| Ukraine | 7 o | 14 o | 15 o | 18 o | 21 o | 34 o | 46 o | 93 | 103 | 123 e |
| European Union (27) | 8 241 | 8 692 | 9 208 | 9 555 | 9 885 | 10 236 | 10 918 | 11 260 | 11 759 | 11 957 |
| Middle East | 34 | 39 | 46 | 66 | 73 | 74 | 74 | 74 | 75 | 75 |
| Iran IR | 7 | 7 | 11 | 11 e | 11 e | 11 e | 11 e | 11 e | 11 e | 11 o |
| Israel | 7 e | 11 e | 14 e | 25 e | 25 e | 25 e | 25 e | 25 e | 26 e | 26 e |
| Jordan | 4 o | 4 o | 4 o | 13 u | 13 u | 13 e | 13 e | 13 e | 13 e | 13 e |
| Lebanon | 2 u | 2 u | 2 u | 2 u | 9 e | 9 e | 9 e | 9 e | 9 e | 9 e |
| Palestine | | | | | | 0 | 0 e | 0 e | 0 e | 0 e |
| Qatar | 8 u | 8 u | 8 u | 8 u | 8 u | 8 u | 8 e | 8 e | 8 e | 8 e |
| Syrian AR | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e | 7 e |
| United Arab Em | | 1 o | 1 o | 1 o | 1 o | 1 o | 1 e | 1 u | 1 u | 1 e |
| N America | 2 255 | 2 423 | 2 546 | 2 522 | 2 576 | 2 728 | 2 738 | 2 644 | 2 657 | 2 667 |
| Canada | 116 | 116 | 116 | 116 | 116 | 139 | 139 e | 139 | 145 u | 145 u |
| Mexico | 37 | 36 | 36 | 36 | 85 o | 173 o | 220 o | 202 e | 204 | 211 e |
| USA | 2 102 | 2 271 | 2 394 | 2 370 | 2 375 | 2 416 | 2 379 | 2 303 | 2 308 o | 2 310 o |
| Oceania | 277 | 269 | 279 | 282 | 241 | 240 | 240 | 240 | 248 | 248 |
| Australia | 230 | 220 | 226 | 228 | 190 o | 190 o | 190 o | 190 | 197 o | 198 o |
| New Zealand | 45 | 45 | 49 | 50 | 47 | 46 o | 46 o | 46 o | 46 e | 46 e |
| Papua N Guin | 2 u | 4 u | 4 u | 4 u | 4 u | 4 u | 4 u | 4 e | 4 e | 4 e |
| Samoa | | | | | | | | | 1 o | 1 o |
| S America | 222 | 223 | 245 | 272 | 546 | 360 | 411 | 512 | 570 | 589 |
| Argentina | 17 o | 17 o | 17 o | 17 o | 17 o | 21 o | 23 o | 44 o | 55 e | 69 e |
| Bolivia | | | | | | | | 5 o | 5 o | 5 o |
| Brazil | 172 | 173 | 178 o | 196 o | 461 o | 262 o | 302 o | 372 o | 417 o | 413 o |
| Chile | 27 | 27 | 42 | 49 | 53 | 56 o | 57 o | 60 o | 55 o | 64 o |
| Colombia | | | | | 4 | 4 | 4 o | 4 o | 9 o | 9 |
| Ecuador | | | | | 2 o | 7 o | 7 o | 7 o | 7 o | 8 o |
| Paraguay | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 0 e | 2 o | 2 e | 2 e |
| Peru | 5 o | 5 | 5 o | 7 o | 7 o | 7 o | 10 o | 10 | 10 o | 10 o |
| Uruguay | 1 | 1 | 2 e | 2 e | 2 e | 2 e | 8 e | 8 e | 8 e | 8 e |

# Geothermal energy
# Énergie géothermique
# Energía geotérmica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 10 479 | 10 717 | 11 157 | 11 812 | 12 137 | 12 697 | 13 169 | 13 738 | 14 073 | 15 644 |
| Africa | 213 | 213 | 373 | 626 | 660 | 680 | 691 | 691 | 870 | 870 |
| Ethiopia | 7 | 7 | 7 | 7 | 7 | 7 | 7 e | 7 o | 7 | 7 |
| Kenya | 206 o | 206 o | 366 o | 619 o | 653 o | 673 o | 684 o | 684 o | 863 o | 863 o |
| Asia | 3 721 | 3 728 | 3 854 | 3 896 | 4 001 | 4 226 | 4 375 | 4 540 | 4 540 | 4 691 |
| China | 26 | 26 | 26 | 26 | 26 | 26 | 26 | | | |
| Chinese Taipei | | | | | | | 0 o | 0 o | 0 o | 5 o |
| Indonesia | 1 336 o | 1 344 o | 1 404 o | 1 438 o | 1 533 o | 1 808 o | 1 948 o | 2 131 o | 2 131 o | 2 277 o |
| Japan | 512 | 512 | 508 | 516 | 526 | 476 | 473 | 481 | 481 o | 481 o |
| Philippines | 1 847 o | 1 847 o | 1 916 o | 1 916 o | 1 916 o | 1 916 o | 1 928 o | 1 928 o | 1 928 o | 1 928 o |
| Thailand | 0 | 0 | 0 | 0 | 0 | 0 | 0 e | 0 o | 0 o | 0 e |
| C America + Carib | 656 | 641 | 637 | 640 | 629 | 665 | 665 | 722 | 723 | 723 |
| Costa Rica | 218 | 218 | 218 | 217 | 207 | 207 | 207 o | 262 o | 262 o | 262 o |
| El Salvador | 204 | 204 | 204 | 204 | 204 | 204 | 204 o | 204 o | 204 o | 204 e |
| Guadeloupe | 15 | 15 | 12 | 15 | 15 | 15 u | 15 e | 15 o | 15 e | 15 e |
| Guatemala | 54 | 49 | 49 | 49 | 49 | 49 | 49 o | 52 o | 49 o | 49 o |
| Honduras | | | | | | 35 o | 35 o | 35 o | 39 o | 39 o |
| Nicaragua | 165 | 155 | 155 | 155 | 155 | 155 | 155 o | 153 o | 153 o | 153 e |
| Eurasia | 243 | 390 | 483 | 702 | 899 | 1 138 | 1 357 | 1 596 | 1 695 | 1 758 |
| Russian Fed | 81 | 79 | 78 | 78 | 78 | 74 | 74 | 81 | 81 | 81 e |
| Turkey | 162 | 311 | 405 | 624 | 821 | 1 064 o | 1 283 | 1 515 | 1 613 o | 1 676 o |
| Europe | 1 448 | 1 461 | 1 503 | 1 503 | 1 507 | 1 558 | 1 617 | 1 622 | 1 627 | 1 657 |
| Austria | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 e | 1 o | 1 e |
| Croatia | | | | | | | 10 | 10 o | 10 o | 10 o |
| France | 14 | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 16 | 16 e |
| Germany | 16 | 26 | 29 | 29 | 33 | 32 | 35 | 40 | 40 e | 40 e |
| Hungary | | | | | | 3 u | 3 e | 3 | 3 o | 3 e |
| Iceland | 665 | 665 | 665 | 665 | 665 | 710 | 756 | 756 | 756 | 756 e |
| Italy | 728 | 729 | 768 | 768 | 767 | 767 | 767 e | 767 | 772 | 802 o |
| Portugal | 25 | 25 | 25 | 25 | 25 | 29 | 29 | 29 | 29 | 29 o |
| Romania | | | 0 o | 0 o | 0 o | 0 o | 0 | 0 u | 0 o | 0 e |
| European Union (27) | 798 | 811 | 849 | 852 | 857 | 863 | 876 | 881 | 886 | 916 |
| N America | 3 416 | 3 430 | 3 327 | 3 448 | 3 443 | 3 409 | 3 395 | 3 506 | 3 538 | 4 865 |
| Mexico | 824 | 823 | 813 | 906 | 926 | 926 o | 951 o | 951 o | 951 o | 976 o |
| USA | 2 592 | 2 607 | 2 514 | 2 542 | 2 517 | 2 483 | 2 444 | 2 555 | 2 587 o | 3 889 o |
| Oceania | 782 | 854 | 980 | 997 | 997 | 997 | 1 021 | 1 021 | 1 040 | 1 040 |
| Australia | 0 | 0 | 0 | 0 | 0 | 0 e | | 0 u | 0 e | 0 e |
| New Zealand | 726 | 798 | 924 | 941 | 941 | 941 | 965 | 965 | 984 o | 984 e |
| Papua N Guin | 56 u | 56 u | 56 u | 56 u | 56 u | 56 u | 56 u | 56 e | 56 e | 56 e |
| S America | | | | | | 24 | 48 | 40 | 40 | 40 |
| Chile | | | | | | 24 o | 48 | 40 o | 40 o | 40 o |

# Off-grid capacity

# Capacité hors réseau

# Capacidad fuera de la red

# Total renewable energy
# Total énergies renouvelables
# Total energías renovables

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 5 068.753 | 5 553.931 | 6 545.231 | 7 246.170 | 7 920.126 | 7 967.120 | 9 872.200 | 10 282.536 | 10 759.426 | 11 225.005 |
| Africa | 401.893 | 461.391 | 546.402 | 683.215 | 944.246 | 1 233.719 | 1 415.176 | 1 528.603 | 1 593.221 | 1 675.223 |
| Algeria | | | 11.300 | 59.300 | 229.300 | 410.200 | 433.000 | 433.000 | 433.000 | 433.000 |
| Angola | 31.263 | 32.458 | 34.821 | 35.726 | 36.236 | 48.656 | 48.656 | 48.656 | 48.656 | 48.656 |
| Benin | | | | | 1.500 | 1.500 | 1.500 | 1.500 | 1.540 | 1.540 |
| Botswana | 0.315 | 0.415 | 0.560 | 0.853 | 1.925 | 2.047 | 2.352 | 2.352 | 2.389 | 2.389 |
| Burkina Faso | 5.800 | 6.450 | 7.150 | 8.150 | 10.150 | 12.150 | 27.150 | 29.650 | 29.650 | 29.650 |
| Burundi | 6.803 | 7.803 | 8.003 | 8.303 | 9.303 | 10.303 | 10.303 | 10.303 | 10.303 | 10.303 |
| Cabo Verde | 0.074 | 0.151 | 0.305 | 0.618 | 0.674 | 0.735 | 0.801 | 0.846 | 0.846 | 0.846 |
| Cameroon | 3.100 | 3.900 | 5.900 | 7.700 | 9.300 | 11.896 | 14.492 | 14.492 | 14.617 | 14.742 |
| Cent Afr Rep | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.516 | 0.516 | 0.516 |
| Chad | 0.003 | 0.050 | 0.050 | 0.172 | 1.273 | 1.273 | 1.290 | 1.290 | 1.327 | 1.327 |
| Congo DR | 97.247 | 98.349 | 98.568 | 111.732 | 114.297 | 129.095 | 154.587 | 164.487 | 164.487 | 164.487 |
| Congo Rep | 0.120 | 0.230 | 0.460 | 0.460 | 0.460 | 0.570 | 0.720 | 0.720 | 0.720 | 0.720 |
| Cote d Ivoire | 1.973 | 2.908 | 3.834 | 5.059 | 5.059 | 8.278 | 13.144 | 13.144 | 13.144 | 13.144 |
| Djibouti | 0.300 | 0.300 | 0.300 | 0.300 | 0.362 | 0.362 | 0.362 | 0.362 | 0.362 | 20.362 |
| Egypt | 20.000 | 20.000 | 20.000 | 21.000 | 35.000 | 35.000 | 49.200 | 35.200 | 35.390 | 35.390 |
| Eritrea | 0.848 | 0.860 | 8.684 | 8.684 | 9.034 | 11.034 | 18.534 | 20.784 | 23.034 | 25.284 |
| Eswatini | 2.461 | 2.478 | 2.504 | 2.504 | 2.504 | 2.504 | 2.504 | 2.504 | 2.504 | 2.504 |
| Ethiopia | 2.427 | 4.623 | 10.410 | 11.169 | 15.325 | 13.779 | 13.631 | 13.631 | 21.469 | 22.469 |
| Gabon | 1.600 | 1.600 | 1.600 | 2.800 | 2.887 | 2.887 | 2.887 | 2.887 | 2.887 | 2.887 |
| Gambia | 1.991 | 1.995 | 2.000 | 2.000 | 2.000 | 2.002 | 2.002 | 2.002 | 2.002 | 2.002 |
| Ghana | 6.774 | 7.269 | 10.562 | 15.541 | 19.405 | 24.407 | 31.052 | 37.878 | 44.350 | 44.350 |
| Guinea | 2.820 | 5.591 | 5.591 | 15.493 | 15.499 | 15.499 | 15.503 | 15.503 | 15.503 | 15.503 |
| Guinea Bissau | | | | 0.312 | 0.312 | 0.312 | 1.169 | 1.169 | 1.169 | 1.169 |
| Kenya | 8.582 | 12.440 | 21.973 | 36.056 | 40.705 | 54.082 | 65.386 | 65.386 | 65.470 | 65.470 |
| Lesotho | 0.180 | 0.343 | 0.343 | 0.343 | 0.343 | 0.343 | 0.343 | 0.343 | 0.343 | 0.343 |
| Liberia | 4.040 | 4.040 | 4.040 | 4.057 | 4.059 | 6.406 | 6.583 | 6.583 | 6.583 | 6.583 |
| Libya | 4.900 | 4.900 | 4.900 | 4.900 | 4.900 | 5.110 | 5.110 | 5.110 | 5.111 | 6.333 |
| Madagascar | 6.450 | 8.985 | 11.630 | 14.660 | 16.660 | 18.760 | 18.760 | 18.760 | 18.760 | 18.760 |
| Malawi | 4.081 | 5.965 | 8.234 | 12.657 | 12.957 | 20.037 | 26.594 | 81.323 | 82.635 | 82.635 |
| Mali | 47.741 | 47.741 | 56.150 | 57.178 | 57.571 | 59.252 | 59.252 | 59.297 | 59.542 | 89.542 |
| Mauritania | | 7.400 | 7.551 | 7.566 | 24.166 | 24.166 | 25.466 | 25.609 | 25.609 | 25.609 |
| Morocco | 20.000 | 20.000 | 23.800 | 23.800 | 25.870 | 27.895 | 27.895 | 27.903 | 28.000 | 28.000 |
| Mozambique | 1.575 | 5.175 | 7.900 | 11.060 | 14.060 | 16.060 | 16.060 | 16.060 | 16.060 | 16.060 |
| Namibia | 10.702 | 13.402 | 14.178 | 14.178 | 14.178 | 14.187 | 21.940 | 23.880 | 23.880 | 23.880 |
| Niger | 4.000 | 5.000 | 6.000 | 7.000 | 8.000 | 9.041 | 20.041 | 20.041 | 20.041 | 20.041 |
| Nigeria | 21.200 | 22.900 | 24.600 | 26.400 | 27.830 | 28.030 | 28.195 | 37.174 | 37.643 | 37.643 |
| Reunion | | | | | | | | 1.340 | 1.340 | 1.340 |
| Rwanda | 1.359 | 2.538 | 3.081 | 7.007 | 12.231 | 17.426 | 27.756 | 28.264 | 28.414 | 28.414 |
| Sao Tome Prn | | 0.063 | 0.098 | 0.119 | 0.157 | 0.316 | 0.334 | 0.334 | 0.334 | 0.334 |
| Senegal | 5.900 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 | 7.000 |
| Seychelles | | 0.068 | 0.068 | 0.068 | 0.068 | 0.068 | 1.022 | 1.022 | 1.022 | 1.022 |
| Sierra Leone | 0.487 | 0.634 | 0.645 | 0.670 | 0.734 | 8.720 | 9.136 | 9.136 | 9.136 | 9.176 |
| Somalia | 2.200 | 2.200 | 2.300 | 2.970 | 7.470 | 10.444 | 10.618 | 10.618 | 19.088 | 27.088 |
| South Africa | 7.109 | 7.204 | 7.500 | 7.650 | 7.650 | 7.650 | 7.650 | 9.516 | 9.516 | 9.516 |
| South Sudan | 0.160 | 0.160 | 0.160 | 0.160 | 0.428 | 0.449 | 0.737 | 0.835 | 0.835 | 1.278 |
| Sudan | 8.066 | 14.666 | 16.584 | 19.911 | 26.219 | 35.800 | 59.478 | 80.199 | 116.840 | 135.570 |
| Tanzania | 32.464 | 34.974 | 46.248 | 53.675 | 59.329 | 63.677 | 68.076 | 65.249 | 65.249 | 65.249 |
| Togo | 0.346 | 0.426 | 0.815 | 1.696 | 2.131 | 2.527 | 3.490 | 5.460 | 5.460 | 5.493 |
| Tunisia | 1.555 | 1.555 | 1.563 | 1.710 | 2.060 | 2.076 | 2.076 | 7.076 | 7.076 | 7.076 |
| Uganda | 17.320 | 27.500 | 29.000 | 34.500 | 36.500 | 39.400 | 39.240 | 39.360 | 39.520 | 39.679 |
| Zambia | 2.607 | 2.667 | 2.667 | 1.917 | 1.951 | 1.951 | 2.081 | 9.921 | 9.921 | 9.921 |
| Zimbabwe | 2.450 | 3.515 | 4.272 | 5.931 | 6.714 | 7.857 | 9.518 | 12.928 | 12.928 | 12.928 |
| Asia | 4 086.464 | 4 412.121 | 5 256.872 | 5 734.556 | 6 100.857 | 5 815.261 | 7 357.613 | 7 619.641 | 8 005.909 | 8 388.692 |
| Afghanistan | 36.970 | 41.140 | 46.109 | 50.127 | 54.814 | 58.416 | 57.948 | 57.482 | 57.138 | 57.138 |
| Bangladesh | 69.771 | 98.329 | 124.037 | 146.782 | 153.261 | 170.363 | 162.471 | 171.884 | 163.010 | 146.833 |
| Bhutan | 8.353 | 8.353 | 8.353 | 8.353 | 8.353 | 8.353 | 8.590 | 8.590 | 8.590 | 8.590 |
| Cambodia | 2.257 | 2.798 | 2.992 | 4.995 | 5.676 | 5.691 | 5.096 | 5.012 | 4.549 | 4.549 |
| China | 391.330 | 508.330 | 586.930 | 655.530 | 710.490 | 747.190 | 786.950 | 826.710 | 866.470 | 906.230 |
| India | 768.979 | 935.774 | 1 201.010 | 1 355.564 | 1 566.152 | 1 805.507 | 2 079.650 | 2 081.682 | 2 238.922 | 2 415.717 |
| Indonesia | 1 915.888 | 1 655.872 | 1 671.392 | 1 682.078 | 1 689.607 | 1 726.910 | 2 671.190 | 2 682.150 | 2 744.610 | 2 861.960 |
| Kazakhstan | 2.436 | 15.262 | 71.255 | 86.517 | 99.689 | 116.656 | 281.060 | 608.000 | 807.000 | 885.256 |
| Korea DPR | 2.494 | 6.339 | 11.158 | 22.994 | 31.734 | 35.380 | 38.380 | 41.380 | 41.380 | 41.380 |
| Lao PDR | 2.015 | 2.475 | 2.907 | 3.259 | 3.414 | 3.414 | 3.704 | 3.704 | 3.704 | 3.704 |
| Malaysia | 504.974 | 732.644 | 1 101.978 | 1 240.665 | 1 245.868 | 534.533 | 539.550 | 539.580 | 539.580 | 539.580 |
| Maldives | 2.731 | 3.160 | 5.289 | 6.206 | 8.895 | 12.198 | 17.885 | 22.012 | 28.112 | 32.212 |
| Mongolia | 8.583 | 8.583 | 8.583 | 8.583 | 8.583 | 8.583 | 8.583 | 8.583 | 8.577 | 8.571 |
| Myanmar | 50.291 | 55.809 | 61.811 | 75.584 | 88.119 | 102.289 | 110.740 | 113.730 | 109.744 | 105.695 |
| Nepal | 47.373 | 52.380 | 56.387 | 61.872 | 63.953 | 104.949 | 103.242 | 102.760 | 110.030 | 112.194 |
| Pakistan | 15.878 | 16.433 | 16.633 | 16.782 | 16.775 | 27.987 | 29.071 | 39.290 | 39.290 | 39.290 |
| Philippines | 26.540 | 31.567 | 32.007 | 35.370 | 44.320 | 44.601 | 53.806 | 89.426 | 89.329 | 89.329 |
| Sri Lanka | 12.786 | 13.041 | 13.218 | 13.464 | 13.815 | 14.078 | 14.274 | 14.243 | 13.963 | 13.963 |
| Tajikistan | 43.200 | 43.200 | 43.200 | 43.200 | 43.200 | 43.200 | 44.160 | 44.160 | 44.160 | 45.260 |
| Timor Leste | 1.097 | 1.114 | 1.133 | 1.141 | 1.449 | 1.448 | 1.448 | 1.448 | 1.436 | 1.426 |
| Uzbekistan | | 1.000 | 1.000 | 1.000 | 2.200 | 3.025 | 3.325 | 3.325 | 3.325 | 3.325 |
| Viet Nam | 172.518 | 178.518 | 189.490 | 214.490 | 240.490 | 240.490 | 336.490 | 154.490 | 82.990 | 66.490 |

# Total renewable energy
# Total énergies renouvelables
# Total energías renovables

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| C America + Carib | 56.604 | 75.828 | 81.152 | 84.060 | 83.660 | 96.470 | 107.170 | 108.717 | 109.007 | 109.730 |
| Antigua Barb | | | | | 0.010 | 0.414 | 0.414 | 0.414 | 0.414 | 0.414 |
| Bahamas | 0.020 | 0.025 | 0.126 | 0.147 | 0.200 | 0.146 | 0.115 | 0.058 | 0.058 | 0.058 |
| Belize | 1.895 | 1.930 | 2.110 | 3.410 | 3.410 | 3.410 | 3.410 | 0.640 | 0.640 | 0.640 |
| Costa Rica | | | | | | 4.500 | 4.500 | 6.081 | 6.140 | 6.140 |
| Cuba | | | | | | 0.467 | 0.835 | 8.900 | 9.124 | 9.847 |
| Dominica | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 |
| Dominican Rep | 16.190 | 18.254 | 20.310 | 22.591 | 24.701 | 33.949 | 39.951 | 40.143 | 40.178 | 40.178 |
| El Salvador | 0.184 | 12.545 | 12.545 | 12.545 | 12.545 | 12.418 | 14.856 | 4.016 | 4.016 | 4.016 |
| Guatemala | 1.525 | 2.560 | 5.434 | 8.308 | 8.308 | 8.308 | 8.308 | 8.308 | 8.308 | 8.308 |
| Haiti | 0.730 | 0.831 | 0.927 | 1.154 | 1.195 | 1.275 | 1.318 | 1.371 | 1.371 | 1.371 |
| Honduras | 5.156 | 5.156 | 5.170 | 5.170 | 5.270 | 3.000 | 2.970 | 9.584 | 9.584 | 9.584 |
| Jamaica | | 0.006 | 0.008 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 |
| Nicaragua | 0.400 | 0.400 | 0.400 | 0.400 | 0.010 | 0.010 | 1.912 | 4.312 | 4.312 | 4.312 |
| Panama | 30.494 | 34.011 | 34.011 | 30.211 | 27.711 | 28.211 | 28.211 | 24.520 | 24.520 | 24.520 |
| Puerto Rico | | | | | | 0.062 | 0.070 | 0.070 | 0.042 | 0.042 |
| St Kitts Nevis | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| St Lucia | | | | | 0.176 | 0.176 | 0.176 | 0.176 | 0.176 | 0.176 |
| US Virgin Is | | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 | 0.100 |
| Middle East | 4.452 | 38.981 | 53.050 | 108.394 | 128.551 | 148.596 | 303.153 | 306.298 | 311.738 | 311.753 |
| Iran IR | 0.378 | 0.378 | 0.378 | 0.378 | 0.378 | 0.378 | 0.378 | 0.378 | 0.378 | 0.378 |
| Iraq | 1.340 | 30.840 | 37.840 | 37.840 | 37.840 | 37.840 | 37.840 | 37.840 | 37.840 | 37.840 |
| Jordan | 0.073 | 0.141 | 0.236 | 0.557 | 0.593 | 0.588 | 0.623 | 0.670 | 2.385 | 2.385 |
| Kuwait | | 2.400 | 2.400 | 2.400 | 2.400 | 2.400 | 2.400 | 2.400 | 2.400 | 2.400 |
| Lebanon | 0.504 | 2.061 | 3.390 | 3.397 | 3.507 | 3.527 | 7.880 | 7.880 | 7.880 | 7.890 |
| Oman | | | | | 0.011 | 0.011 | 0.011 | 0.011 | 0.011 | 0.011 |
| Palestine | | | | | | | | 1.833 | 1.833 | 1.833 |
| Saudi Arabia | | | 0.014 | 0.014 | 0.014 | 0.014 | 0.014 | 0.014 | 0.014 | 0.014 |
| Syrian AR | 0.600 | 0.600 | 0.600 | 0.600 | 0.600 | 0.600 | 0.600 | 0.600 | 0.600 | 0.600 |
| United Arab Em | 0.190 | 0.192 | 3.192 | 3.208 | 3.208 | 3.238 | 3.407 | 4.672 | 5.597 | 5.597 |
| Yemen | 1.367 | 2.369 | 5.000 | 60.000 | 80.000 | 100.000 | 250.000 | 250.000 | 252.800 | 252.805 |
| Oceania | 156.022 | 158.024 | 160.132 | 163.454 | 167.856 | 170.106 | 172.262 | 174.751 | 174.965 | 174.998 |
| Amer Samoa | | | | | 1.504 | 1.854 | 1.854 | 1.854 | 1.854 | 1.854 |
| Cook Is | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 1.769 | 1.769 | 1.769 | 1.769 |
| Fiji | 1.594 | 1.156 | 1.352 | 2.052 | 4.052 | 4.119 | 4.521 | 4.571 | 4.722 | 4.755 |
| Fr Polynesia | 1.748 | 1.848 | 2.948 | 3.148 | 3.248 | 3.548 | 3.448 | 3.548 | 3.548 | 3.548 |
| Kiribati | 0.466 | 0.502 | 0.743 | 1.389 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 | 1.397 |
| Marshall Is | 0.300 | 0.480 | 0.650 | 0.650 | 0.650 | 0.650 | 0.667 | 0.667 | 0.667 | 0.667 |
| Micronesia | 0.297 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.395 | 0.395 | 0.395 | 0.395 |
| Nauru | | 0.008 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 | 0.167 | 0.167 | 0.167 |
| New Caledon | 0.500 | 0.500 | 0.500 | 0.500 | 0.500 | 0.760 | 0.760 | 0.760 | 0.760 | 0.760 |
| Palau | | | | | 0.170 | 0.170 | 0.170 | 0.235 | 0.235 | 0.235 |
| Papua N Guin | 149.140 | 151.046 | 151.046 | 151.585 | 151.936 | 151.902 | 151.665 | 153.403 | 153.403 | 153.403 |
| Samoa | 0.014 | 0.014 | 0.014 | 0.014 | 0.014 | 0.039 | 0.039 | 0.197 | 0.197 | 0.197 |
| Solomon Is | 1.492 | 1.492 | 1.768 | 1.768 | 1.949 | 2.324 | 2.324 | 2.324 | 2.324 | 2.324 |
| Tokelau | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 |
| Tonga | 0.131 | 0.234 | 0.234 | 0.240 | 0.277 | 0.277 | 0.277 | 0.277 | 0.277 | 0.277 |
| Tuvalu | 0.192 | 0.192 | 0.192 | 1.308 | 1.316 | 1.321 | 1.332 | 1.332 | 1.332 | 1.332 |
| Vanuatu | 0.080 | 0.096 | 0.221 | 0.336 | 0.379 | 1.280 | 1.614 | 1.834 | 1.897 | 1.897 |
| S America | 363.318 | 407.586 | 447.623 | 472.491 | 494.956 | 502.968 | 516.826 | 544.526 | 564.586 | 564.609 |
| Argentina | 4.801 | 3.695 | 6.237 | 4.748 | 4.753 | 4.753 | 4.753 | 13.509 | 13.509 | 13.509 |
| Bolivia | 72.301 | 73.705 | 96.035 | 105.735 | 105.735 | 105.735 | 123.160 | 128.550 | 139.550 | 139.550 |
| Brazil | 0.721 | 0.721 | 0.721 | 3.930 | 4.091 | 7.212 | 7.227 | 7.241 | 7.241 | 7.241 |
| Chile | 0.765 | 0.765 | 0.765 | 0.765 | 0.765 | 0.765 | 0.765 | 0.765 | 1.445 | 1.445 |
| Colombia | 1.381 | 1.442 | 1.477 | 1.840 | 1.897 | 6.937 | 8.994 | 16.937 | 24.085 | 24.085 |
| Ecuador | 6.880 | 7.200 | 10.250 | 12.250 | 12.320 | 12.320 | 13.879 | 13.879 | 13.879 | 13.902 |
| Falklands Malv | 0.340 | 0.340 | 0.340 | 0.410 | 0.410 | 0.410 | 0.410 | 0.410 | 0.410 | 0.410 |
| Fr Guiana | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 1.211 | 4.311 | 4.311 | 4.311 |
| Guyana | 46.279 | 46.496 | 46.706 | 47.151 | 37.787 | 37.800 | 38.419 | 38.563 | 38.563 | 38.563 |
| Paraguay | 0.005 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 | 0.057 |
| Peru | 194.107 | 195.845 | 205.543 | 214.442 | 244.947 | 238.135 | 224.136 | 222.219 | 222.219 | 222.219 |
| South Georgia | 0.256 | 0.256 | 0.256 | 0.256 | 0.256 | 0.256 | 0.256 | 0.256 | 0.256 | 0.256 |
| Suriname | 0.661 | 0.943 | 1.195 | 2.845 | 3.310 | 4.312 | 4.906 | 4.906 | 5.562 | 5.562 |
| Uruguay | 0.500 | 0.520 | 1.340 | 1.361 | 1.927 | 7.575 | 13.573 | 17.433 | 18.009 | 18.009 |
| Venezuela | 33.110 | 74.390 | 75.490 | 75.490 | 75.490 | 75.490 | 75.080 | 75.490 | 75.490 | 75.490 |

# Hydropower
# Hydroélectricité
# Hidroeléctrica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 676.606 | 694.102 | 705.620 | 749.928 | 758.795 | 780.237 | 1 730.912 | 1 753.962 | 1 775.102 | 1 888.568 |
| Africa | 161.915 | 172.775 | 176.206 | 199.651 | 203.528 | 239.144 | 248.984 | 262.284 | 262.434 | 262.434 |
| Angola | 21.659 u | 21.659 u | 22.859 u | 22.859 u | 22.859 u | 35.279 u | 35.279 e | 35.279 e | 35.279 e | 35.279 e |
| Burkina Faso | | | | | | | | 2.500 u | 2.500 e | 2.500 e |
| Burundi | 1.603 o | 1.603 o | 1.603 o | 1.603 o | 1.603 o | 1.603 e | 1.603 e | 1.603 e | 1.603 e | 1.603 e |
| Cameroon | 0.300 e | 0.300 o | 0.300 e | 0.300 e | 0.300 e | 0.300 e | 0.300 e | 0.300 e | 0.300 e | 0.300 e |
| Cent Afr Rep | 0.200 e | 0.200 e | 0.200 e | 0.200 e | 0.200 e | 0.200 e | 0.200 e | 0.200 e | 0.200 e | 0.200 e |
| Congo DR | 97.000 e | 97.800 e | 97.800 e | 110.900 e | 110.900 e | 121.700 e | 131.700 u | 141.600 u | 141.600 e | 141.600 e |
| Eswatini | 1.700 | 1.700 | 1.700 | 1.700 | 1.700 e | 1.700 e | 1.700 e | 1.700 e | 1.700 e | 1.700 e |
| Ethiopia | 1.279 e | 1.279 e | 1.279 e | 1.279 e | 1.279 | 1.279 | 1.279 e | 1.279 e | 1.279 | 1.279 |
| Gabon | 0.200 e | 0.200 e | 0.200 e | 0.200 e | 0.287 e | 0.287 e | 0.287 e | 0.287 e | 0.287 e | 0.287 e |
| Guinea | 2.220 o | 2.220 o | 2.220 o | 2.220 o | 2.220 o | 2.220 e | 2.220 e | 2.220 e | 2.220 e | 2.220 e |
| Kenya | 5.139 e | 5.139 e | 5.779 e | 5.779 e | 9.269 e | 15.389 e | 15.389 e | 15.389 e | 15.389 e | 15.389 e |
| Lesotho | 0.180 | 0.180 | 0.180 | 0.180 e | 0.180 e | 0.180 e | 0.180 e | 0.180 e | 0.180 e | 0.180 e |
| Liberia | 4.000 e | 4.000 e | 4.000 e | 4.000 e | 4.000 e | 4.000 e | 4.000 e | 4.000 e | 4.000 e | 4.000 e |
| Madagascar | 3.509 o | 3.574 o | 4.219 o | 5.249 o | 5.249 o | 5.349 e | 5.349 e | 5.349 e | 5.349 e | 5.349 e |
| Malawi | 1.400 e | 1.400 e | 1.400 e | 1.400 e | 1.700 e | 1.700 e | 1.700 e | 2.000 e | 2.000 e | 2.000 e |
| Mozambique | 0.075 e | 0.275 e | 0.900 e | 1.060 e | 1.060 e | 1.060 e | 1.060 e | 1.060 e | 1.060 e | 1.060 e |
| Nigeria | | | | 0.400 o | 0.400 o | 0.400 o | 0.400 o | 0.400 e | 0.400 e | 0.400 e |
| Rwanda | 1.140 o | 1.840 o | 1.840 o | 1.840 o | 1.840 o | 2.276 o | 2.276 e | 2.276 e | 2.426 o | 2.426 e |
| Sierra Leone | 0.250 e | 0.250 e | 0.250 e | 0.250 e | 0.250 e | 4.890 e | 4.890 e | 4.890 e | 4.890 e | 4.890 e |
| South Africa | 7.109 e | 7.204 e | 7.500 e | 7.650 e | 7.650 e | 7.650 e | 7.650 e | 7.650 e | 7.650 e | 7.650 e |
| Tanzania | 8.800 e | 8.800 e | 8.800 e | 14.620 e | 14.620 e | 15.420 e | 15.420 e | 15.420 e | 15.420 e | 15.420 e |
| Uganda | | 9.000 e | 9.000 e | 12.500 e | 12.500 e | 12.800 e | 12.640 e | 12.600 e | 12.600 e | 12.600 e |
| Zambia | 2.607 o | 2.607 o | 2.607 o | 1.857 o | 1.857 o | 1.857 o | 1.857 o | 2.497 u | 2.497 e | 2.497 e |
| Zimbabwe | 1.545 | 1.545 | 1.570 | 1.605 e | 1.605 e | 1.605 e | 1.605 e | 1.605 e | 1.605 e | 1.605 e |
| Asia | 280.703 | 293.130 | 303.165 | 319.625 | 326.340 | 331.049 | 1 270.239 | 1 281.533 | 1 301.823 | 1 415.289 |
| Afghanistan | 20.748 e | 24.197 e | 27.646 e | 31.095 e | 34.544 e | 37.993 e | 37.993 e | 37.993 e | 37.993 e | 37.993 e |
| Bhutan | 8.078 o | 8.078 o | 8.078 o | 8.078 o | 8.078 o | 8.078 o | 8.315 o | 8.315 o | 8.315 o | 8.315 o |
| India | 79.237 e | 82.169 e | 83.377 e | 84.079 e | 84.675 e | 84.675 e | 84.675 e | 84.675 o | 84.675 e | 84.675 e |
| Indonesia | 9.555 e | 11.515 e | 12.764 e | 14.457 e | 14.887 e | 14.887 e | 944.880 o | 944.880 o | 964.300 o | 1 075.550 o |
| Lao PDR | 2.005 u | 2.005 u | 2.005 u | 2.005 u | 2.005 u | 2.005 u | 2.005 u | 2.005 e | 2.005 e | 2.005 e |
| Malaysia | 0.110 e | 0.110 e | 0.450 e | 0.450 e | 0.450 e | 0.465 e | 0.465 e | 0.495 e | 0.495 e | 0.495 e |
| Mongolia | 2.992 e | 2.992 e | 2.992 e | 2.992 e | 2.992 e | 2.992 e | 2.992 o | 2.992 e | 2.992 | 2.992 e |
| Myanmar | 2.949 e | 2.974 e | 3.165 e | 6.890 e | 6.890 e | 6.890 e | 6.890 e | 6.890 e | 6.890 e | 6.890 e |
| Nepal | 38.802 o | 42.168 o | 45.456 o | 49.102 o | 51.012 o | 52.257 o | 52.257 e | 53.506 e | 54.376 e | 55.492 e |
| Pakistan | 15.104 e | 15.554 e | 15.619 e | 15.619 e | 15.619 e | 15.619 e | 15.619 e | 15.634 e | 15.634 e | 15.634 e |
| Philippines | 9.595 o | 9.595 o | 9.595 o | 12.595 o | 12.595 o | 12.595 o | 20.595 o | 30.595 o | 30.595 o | 30.595 e |
| Sri Lanka | 5.003 e | 5.248 e | 5.493 e | 5.738 e | 6.068 e | 6.068 e | 6.068 e | 6.068 e | 6.068 e | 6.068 e |
| Tajikistan | 43.200 | 43.200 | 43.200 | 43.200 | 43.200 | 43.200 | 44.160 e | 44.160 e | 44.160 | 45.260 u |
| Timor Leste | 0.325 o | 0.325 o | 0.325 e | 0.325 e | 0.325 e | 0.325 e | 0.325 e | 0.325 e | 0.325 e | 0.325 e |
| Viet Nam | 43.000 e | 43.000 e | 43.000 e | 43.000 e | 43.000 e | 43.000 e | 43.000 e | 43.000 e | 43.000 e | 43.000 e |
| C America + Carib | 0.902 | 1.173 | 1.460 | 1.736 | 1.557 | 1.688 | 1.738 | 3.665 | 3.685 | 3.685 |
| Cuba | | | | | | | | 1.900 o | 1.900 u | 1.900 |
| Dominican Rep | 0.362 o | 0.633 o | 0.920 o | 1.196 o | 1.317 o | 1.448 o | 1.528 | 1.665 o | 1.685 o | 1.685 e |
| El Salvador | 0.140 e | 0.140 e | 0.140 e | 0.140 e | 0.140 e | 0.140 e | 0.140 e | 0.030 o | 0.030 e | 0.030 e |
| Honduras | | | | | 0.100 e | 0.100 e | 0.070 e | 0.070 e | 0.070 e | 0.070 e |
| Nicaragua | 0.400 | 0.400 | 0.400 | 0.400 | | | | | | |
| Middle East | 1.340 | 1.340 | 1.340 | 1.340 | 1.340 | 1.340 | 1.340 | 1.340 | 1.340 | 1.340 |
| Iraq | 1.340 e | 1.340 e | 1.340 e | 1.340 e | 1.340 e | 1.340 e | 1.340 e | 1.340 e | 1.340 e | 1.340 e |
| Oceania | 77.605 | 76.714 | 76.789 | 76.789 | 76.942 | 76.942 | 76.942 | 76.942 | 76.942 | 76.942 |
| Fiji | 1.021 u | 0.130 u | 0.130 u | 0.130 u | 0.130 u | 0.130 u | 0.130 u | 0.130 e | 0.130 e | 0.130 e |
| Papua N Guin | 76.395 u | 76.395 u | 76.395 u | 76.395 u | 76.395 u | 76.395 u | 76.395 u | 76.395 e | 76.395 e | 76.395 e |
| Solomon Is | 0.189 o | 0.189 o | 0.189 o | 0.189 o | 0.339 o | 0.339 o | 0.339 o | 0.339 e | 0.339 e | 0.339 e |
| Vanuatu | | | 0.075 e | 0.075 e | 0.078 e | 0.078 e | 0.078 e | 0.078 e | 0.078 e | 0.078 e |
| S America | 154.141 | 148.970 | 146.660 | 150.787 | 149.088 | 130.074 | 131.669 | 128.198 | 128.878 | 128.878 |
| Argentina | 4.706 o | 3.600 o | 6.136 o | 4.026 o | 4.055 o | 4.055 e | 4.055 e | 4.055 e | 4.055 e | 4.055 e |
| Bolivia | 8.000 | 8.000 | | 1.200 | 1.200 | 1.200 | 0.800 e | 0.800 o | 0.800 e | 0.800 e |
| Chile | 0.765 o | 0.765 o | 0.765 o | 0.765 o | 0.765 o | 0.765 o | 0.765 o | 0.765 o | 1.445 o | 1.445 o |
| Colombia | | | | 0.318 e | 0.318 e | 5.318 o | 5.318 o | 9.405 e | 9.405 e | 9.405 e |
| Ecuador | 4.400 o | 4.400 o | 3.660 o | 5.660 o | 5.660 o | 5.660 e | 6.060 o | 6.060 o | 6.060 o | 6.060 o |
| Fr Guiana | 1.050 o | 1.050 o | 1.050 o | 1.050 o | 1.050 o | 1.050 o | 1.050 o | 1.050 o | 1.050 o | 1.050 o |
| Guyana | 2.019 e | 2.175 e | 2.330 e | 2.330 o | 2.330 e | 2.330 e | 2.330 e | 2.350 o | 2.350 e | 2.350 e |
| Peru | 132.141 o | 127.920 o | 131.659 o | 134.228 o | 132.500 o | 108.456 o | 110.061 o | 102.073 o | 102.073 o | 102.073 o |
| South Georgia | 0.250 | 0.250 | 0.250 | 0.250 | 0.250 | 0.250 | 0.250 | 0.250 | 0.250 e | 0.250 e |
| Suriname | | | | 0.150 | 0.150 | 0.180 e | 0.180 e | 0.180 e | 0.180 e | 0.180 e |
| Venezuela | 0.810 o | 0.810 o | 0.810 u | 0.810 u | 0.810 e | 0.810 e | 0.800 e | 1.210 o | 1.210 e | 1.210 e |

# Solar photovoltaic
# Solaire photovoltaïque
# Solar fotovoltaica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 716.236 | 1 071.997 | 1 407.342 | 1 794.485 | 2 291.707 | 2 932.667 | 3 666.758 | 4 190.925 | 4 547.311 | 4 865.165 |
| Africa | 154.622 | 197.140 | 253.760 | 365.258 | 620.051 | 871.039 | 1 042.166 | 1 142.188 | 1 206.656 | 1 268.658 |
| Algeria | | | 1.100 | 49.100 | 219.100 | 400.000 o | 423.000 u | 423.000 e | 423.000 e | 423.000 e |
| Angola | 9.604 e | 10.799 e | 11.962 e | 12.867 e | 13.377 e | 13.377 e | 13.377 e | 13.377 e | 13.377 e | 13.377 e |
| Benin | | | | | 1.500 | 1.500 | 1.500 | 1.500 e | 1.540 o | 1.540 e |
| Botswana | 0.315 e | 0.415 e | 0.560 e | 0.853 e | 1.925 e | 2.047 e | 2.352 e | 2.352 e | 2.389 e | 2.389 e |
| Burkina Faso | 5.800 e | 6.300 e | 7.000 e | 8.000 e | 10.000 e | 12.000 e | 27.000 o | 27.000 e | 27.000 e | 27.000 e |
| Burundi | 1.200 e | 2.200 e | 2.400 e | 2.700 e | 3.700 e | 4.700 e | 4.700 e | 4.700 e | 4.700 e | 4.700 e |
| Cabo Verde | 0.074 | 0.151 | 0.305 | 0.618 | 0.674 | 0.735 | 0.801 e | 0.846 u | 0.846 e | 0.846 e |
| Cameroon | 2.800 e | 3.600 e | 5.600 e | 7.400 e | 9.000 e | 11.596 e | 14.192 e | 14.192 e | 14.317 e | 14.442 e |
| Cent Afr Rep | 0.300 e | 0.300 e | 0.300 e | 0.300 e | 0.300 e | 0.300 e | 0.300 e | 0.316 | 0.316 e | 0.316 e |
| Chad | 0.003 e | 0.050 e | 0.050 e | 0.172 e | 0.173 e | 0.173 e | 0.190 e | 0.190 e | 0.227 | 0.227 e |
| Congo DR | 0.087 e | 0.389 e | 0.608 e | 0.672 e | 3.237 u | 5.235 u | 19.927 e | 19.927 e | 19.927 e | 19.927 e |
| Congo Rep | 0.120 e | 0.230 e | 0.460 e | 0.460 e | 0.460 e | 0.570 e | 0.720 e | 0.720 e | 0.720 e | 0.720 e |
| Cote d Ivoire | 1.973 e | 2.908 e | 3.834 e | 5.059 e | 5.059 e | 8.278 e | 13.144 e | 13.144 e | 13.144 e | 13.144 e |
| Djibouti | 0.300 e | 0.300 e | 0.300 e | 0.300 e | 0.362 u | 0.362 u | 0.362 u | 0.362 u | 0.362 e | 0.362 e |
| Egypt | 15.000 | 15.000 | 15.000 | 16.000 o | 30.000 o | 30.000 o | 44.200 o | 30.200 o | 30.390 o | 30.390 e |
| Eritrea | 0.023 e | 0.035 e | 7.859 e | 7.859 e | 8.209 e | 10.209 e | 17.709 e | 19.959 e | 22.209 e | 24.459 e |
| Eswatini | 0.761 e | 0.778 e | 0.804 e | 0.804 e | 0.804 e | 0.804 e | 0.804 e | 0.804 e | 0.804 e | 0.804 e |
| Ethiopia | 1.148 | 3.344 | 9.131 | 9.890 | 14.040 | 12.494 | 12.346 | 12.346 | 20.184 | 21.184 |
| Gabon | 1.400 e | 1.400 e | 1.400 e | 1.400 e | 1.400 e | 1.400 e | 1.400 e | 1.400 e | 1.400 e | 1.400 e |
| Gambia | 1.991 e | 1.995 e | 2.000 e | 2.000 e | 2.000 e | 2.002 e | 2.002 e | 2.002 e | 2.002 e | 2.002 e |
| Ghana | | 0.495 o | 2.288 o | 7.247 o | 11.111 o | 16.113 o | 22.758 o | 29.584 o | 36.056 o | 36.056 e |
| Guinea | 0.600 e | 3.371 e | 3.371 e | 13.273 e | 13.279 e | 13.279 e | 13.283 e | 13.283 e | 13.283 e | 13.283 e |
| Guinea Bissau | | | | 0.312 e | 0.312 e | 0.312 e | 1.169 o | 1.169 e | 1.169 e | 1.169 e |
| Kenya | 2.889 e | 6.747 e | 15.640 e | 29.673 e | 30.832 e | 37.979 e | 49.393 e | 49.393 e | 49.477 u | 49.477 e |
| Lesotho | | 0.163 e | 0.163 e | 0.163 e | 0.163 e | 0.163 e | 0.163 e | 0.163 e | 0.163 e | 0.163 e |
| Liberia | 0.040 u | 0.040 u | 0.040 u | 0.057 u | 0.059 u | 2.406 u | 2.583 u | 2.583 e | 2.583 e | 2.583 e |
| Libya | 4.900 u | 4.900 u | 4.900 u | 4.900 u | 4.900 u | 5.110 u | 5.110 e | 5.110 e | 5.111 e | 6.333 u |
| Madagascar | 2.600 e | 5.000 e | 7.000 e | 9.000 e | 11.000 e | 13.000 e | 13.000 | 13.000 | 13.000 e | 13.000 e |
| Malawi | 2.681 e | 4.565 e | 6.834 e | 11.257 e | 11.257 e | 18.337 e | 24.894 e | 79.323 e | 80.635 u | 80.635 e |
| Mali | 15.741 e | 15.741 o | 16.150 e | 17.178 e | 17.571 e | 19.252 e | 19.252 e | 19.297 e | 19.542 e | 49.542 u |
| Mauritania | | 3.000 o | 3.151 o | 3.166 o | 19.766 o | 19.766 o | 21.066 u | 21.209 u | 21.209 e | 21.209 e |
| Morocco | 15.000 | 15.000 | 18.800 | 18.800 | 20.870 | 22.895 o | 22.895 o | 22.903 o | 23.000 | 23.000 e |
| Mozambique | 1.500 e | 4.900 e | 7.000 e | 10.000 e | 13.000 e | 15.000 e | 15.000 e | 15.000 e | 15.000 e | 15.000 e |
| Namibia | 10.700 e | 13.400 e | 14.176 e | 14.176 e | 14.176 e | 14.176 e | 21.929 e | 23.869 | 23.869 e | 23.869 e |
| Niger | 4.000 e | 5.000 e | 6.000 e | 7.000 e | 8.000 e | 9.041 u | 20.041 u | 20.041 u | 20.041 e | 20.041 e |
| Nigeria | 15.200 e | 15.400 e | 15.600 e | 17.000 e | 17.200 e | 17.400 e | 17.565 u | 26.439 u | 26.908 u | 26.908 e |
| Reunion | | | | | | | | 1.340 u | 1.340 e | 1.340 e |
| Rwanda | 0.219 e | 0.698 e | 1.241 e | 5.167 e | 10.391 e | 15.150 e | 25.480 e | 25.988 e | 25.988 e | 25.988 e |
| Sao Tome Prn | | 0.063 e | 0.098 e | 0.119 e | 0.157 e | 0.316 e | 0.334 e | 0.334 e | 0.334 e | 0.334 e |
| Senegal | 5.900 e | 7.000 e | 7.000 e | 7.000 e | 7.000 e | 7.000 e | 7.000 e | 7.000 e | 7.000 e | 7.000 e |
| Seychelles | | 0.068 o | 0.068 o | 0.068 o | 0.068 o | 0.068 e | 1.022 e | 1.022 e | 1.022 e | 1.022 e |
| Sierra Leone | 0.237 u | 0.384 u | 0.395 u | 0.420 u | 0.484 u | 3.830 u | 4.246 u | 4.246 e | 4.246 e | 4.286 u |
| Somalia | | | 0.100 e | 0.170 e | 4.670 e | 6.894 e | 7.068 e | 7.068 e | 15.538 u | 23.538 u |
| South Africa | | | | | | | | 1.866 u | 1.866 e | 1.866 e |
| South Sudan | 0.160 e | 0.160 e | 0.160 e | 0.160 e | 0.428 u | 0.449 u | 0.737 e | 0.835 u | 0.835 e | 1.278 u |
| Sudan | 8.066 u | 14.666 u | 16.584 u | 19.911 u | 26.219 u | 35.800 u | 59.478 u | 80.199 u | 116.840 u | 135.570 u |
| Tanzania | 1.164 e | 3.674 e | 11.188 e | 12.795 e | 18.424 e | 21.972 e | 26.371 e | 23.544 e | 23.544 e | 23.544 e |
| Togo | 0.346 e | 0.426 e | 0.815 e | 1.696 e | 2.131 e | 2.527 e | 3.490 o | 5.460 o | 5.460 e | 5.493 u |
| Tunisia | 1.555 e | 1.555 e | 1.563 e | 1.710 e | 2.060 e | 2.076 e | 2.076 e | 7.076 u | 7.076 e | 7.076 e |
| Uganda | 17.320 e | 18.500 e | 20.000 e | 22.000 e | 24.000 e | 26.600 e | 26.600 e | 26.760 e | 26.920 e | 27.079 e |
| Zambia | e | 0.060 e | 0.060 e | 0.060 e | 0.094 e | 0.094 e | 0.224 e | 7.424 e | 7.424 e | 7.424 e |
| Zimbabwe | 0.905 e | 1.970 e | 2.702 e | 4.326 e | 5.109 e | 6.252 e | 7.913 e | 11.323 e | 11.323 e | 11.323 e |
| Asia | 508.605 | 766.339 | 1 016.259 | 1 218.487 | 1 426.017 | 1 774.227 | 2 182.214 | 2 593.826 | 2 871.450 | 3 126.513 |
| Afghanistan | 16.122 e | 16.843 e | 18.363 e | 18.932 e | 20.170 e | 20.323 e | 19.855 e | 19.389 e | 19.045 e | 19.045 e |
| Bangladesh | 66.021 o | 93.909 o | 118.917 o | 140.132 o | 146.211 o | 163.313 o | 155.421 o | 164.834 e | 155.660 e | 139.483 e |
| Bhutan | 0.275 e | 0.275 e | 0.275 e | 0.275 e | 0.275 e | 0.275 e | 0.275 e | 0.275 e | 0.275 e | 0.275 e |
| Cambodia | 0.007 e | 0.548 e | 0.742 e | 1.245 e | 1.926 e | 1.941 e | 1.346 e | 1.262 e | 0.799 e | 0.799 e |
| China | 217.800 | 297.800 | 337.800 | 357.800 | 367.800 | 376.800 | 385.800 | 394.800 e | 403.800 o | 412.800 e |
| India | 149.717 e | 269.577 e | 381.328 e | 486.114 e | 637.861 e | 870.886 e | 1 098.628 e | 1 130.378 e | 1 190.378 e | 1 367.173 e |
| Indonesia | 22.333 e | 29.357 e | 32.628 e | 41.621 e | 41.720 e | 43.023 e | 41.050 o | 50.010 o | 61.490 o | 67.590 o |
| Kazakhstan | 2.436 e | 15.262 | 71.255 | 86.517 | 99.689 | 116.656 | 281.060 | 608.000 | 807.000 | 885.256 e |
| Korea DPR | 2.294 u | 6.139 u | 10.958 u | 22.794 u | 31.534 u | 34.780 u | 37.780 u | 40.780 u | 40.780 e | 40.780 e |
| Lao PDR | 0.010 e | 0.470 e | 0.902 e | 1.254 e | 1.409 e | 1.409 e | 1.409 e | 1.409 e | 1.409 e | 1.409 e |
| Malaysia | 0.004 o | 0.004 o | 1.528 e | 2.415 e | 2.418 e | 2.428 e | 7.445 e | 7.445 e | 7.445 e | 7.445 e |
| Maldives | 1.324 o | 1.753 o | 3.882 o | 4.799 o | 7.488 o | 10.791 o | 16.478 o | 20.605 u | 26.705 u | 30.805 u |
| Mongolia | 4.585 e | 4.585 e | 4.585 e | 4.585 e | 4.585 e | 4.585 e | 4.585 o | 4.585 e | 4.585 | 4.585 e |
| Myanmar | 2.800 e | 4.209 o | 6.271 o | 20.819 o | 32.008 o | 43.781 o | 47.542 o | 48.482 o | 44.496 o | 40.447 e |
| Nepal | 8.571 o | 10.143 o | 10.862 o | 12.701 o | 12.872 o | 52.623 e | 50.816 e | 49.055 e | 55.455 e | 56.503 e |
| Pakistan | 0.213 e | 0.318 e | 0.453 e | 0.602 e | 0.595 e | 11.789 e | 12.199 e | 22.403 e | 22.403 e | 22.403 e |
| Philippines | 1.020 o | 1.047 o | 1.487 o | 1.850 o | 1.895 o | 2.176 o | 3.381 o | 13.001 o | 12.904 o | 12.904 e |
| Sri Lanka | 7.783 e | 7.793 e | 7.725 e | 7.726 e | 7.747 e | 8.010 e | 8.206 e | 8.175 e | 7.895 e | 7.895 e |
| Timor Leste | 0.772 e | 0.789 e | 0.808 e | 0.816 e | 1.124 e | 1.123 e | 1.123 e | 1.123 e | 1.111 e | 1.101 e |
| Uzbekistan | | 1.000 | 1.000 | 1.000 | 2.200 | 3.025 | 3.325 | 3.325 e | 3.325 | 3.325 e |
| Viet Nam | 4.518 e | 4.518 e | 4.490 e | 4.490 e | 4.490 e | 4.490 e | 4.490 e | 4.490 e | 4.490 e | 4.490 e |
| C America + Carib | 12.344 | 28.104 | 32.858 | 38.785 | 40.562 | 48.143 | 56.745 | 50.065 | 50.335 | 51.058 |
| Antigua Barb | | | | | 0.010 e | 0.414 e | 0.414 e | 0.414 e | 0.414 e | 0.414 e |

# Solar photovoltaic
# Solaire photovoltaïque
# Solar fotovoltaica

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Bahamas | 0.020 e | 0.025 e | 0.126 e | 0.147 e | 0.200 e | 0.146 e | 0.115 e | 0.058 e | 0.058 e | 0.058 e |
| Belize | 1.875 | 1.910 | 2.090 | 3.390 | 3.390 | 3.390 | 3.390 e | 0.620 u | 0.620 e | 0.620 e |
| Costa Rica | | | | | | | | 1.581 e | 1.640 e | 1.640 e |
| Cuba | | | | | | 0.467 u | 0.835 u | 7.000 u | 7.224 u | 7.947 |
| Dominican Rep | | 1.500 | 3.000 | 4.500 | 6.173 | 15.192 | 20.992 | 21.047 o | 21.062 o | 21.062 e |
| El Salvador | 0.044 e | 12.405 e | 12.405 e | 12.405 e | 12.405 e | 12.278 | 14.716 | 3.986 o | 3.986 e | 3.986 e |
| Guatemala | 1.525 e | 2.560 e | 5.434 e | 8.308 e | 8.308 e | 8.308 e | 8.308 e | 8.308 e | 8.308 e | 8.308 e |
| Haiti | 0.730 e | 0.831 e | 0.927 e | 1.154 e | 1.195 e | 1.275 e | 1.294 e | 1.347 e | 1.347 e | 1.347 e |
| Honduras | 5.156 e | 5.156 e | 5.156 e | 5.156 e | 5.156 e | 2.886 e | 2.886 e | 3.200 | 3.200 | 3.200 e |
| Jamaica | | 0.006 e | 0.008 e | 0.013 e | 0.013 e | 0.013 e | 0.013 e | 0.013 e | 0.013 e | 0.013 e |
| Nicaragua | | | | | | | | 2.400 o | 2.400 o | 2.400 e |
| Panama | 2.994 | 3.711 | 3.711 | 3.711 | 3.711 | 3.711 o | 3.711 e | 0.020 u | 0.020 e | 0.020 o |
| Puerto Rico | | | | | | 0.062 e | 0.070 o | 0.070 o | 0.042 e | 0.042 e |
| St Kitts Nevis | | | 0.001 e | 0.001 e | 0.001 e | 0.001 e | 0.001 e | 0.001 e | 0.001 e | 0.001 e |
| Middle East | 2.012 | 32.641 | 45.710 | 101.054 | 121.211 | 141.256 | 295.813 | 298.958 | 304.388 | 304.398 |
| Iran IR | 0.378 | 0.378 | 0.378 | 0.378 | 0.378 | 0.378 | 0.378 e | 0.378 e | 0.378 e | 0.378 e |
| Iraq | | 29.500 o | 36.500 o | 36.500 e | 36.500 e | 36.500 e | 36.500 e | 36.500 e | 36.500 e | 36.500 e |
| Jordan | 0.073 o | 0.141 o | 0.236 o | 0.557 o | 0.593 o | 0.588 o | 0.623 o | 0.670 o | 2.375 o | 2.375 e |
| Lebanon | 0.004 e | 0.061 e | 0.390 e | 0.397 e | 0.507 e | 0.527 e | 4.880 o | 4.880 o | 4.880 e | 4.890 o |
| Oman | | | | | 0.011 e | 0.011 e | 0.011 e | 0.011 e | 0.011 e | 0.011 e |
| Palestine | | | | | | | | 1.833 o | 1.833 e | 1.833 e |
| Saudi Arabia | | | 0.014 e | 0.014 e | 0.014 e | 0.014 e | 0.014 e | 0.014 e | 0.014 e | 0.014 e |
| United Arab Em | 0.190 e | 0.192 e | 3.192 e | 3.208 e | 3.208 e | 3.238 u | 3.407 o | 4.672 o | 5.597 u | 5.597 e |
| Yemen | 1.367 o | 2.369 o | 5.000 o | 60.000 o | 80.000 o | 100.000 e | 250.000 u | 250.000 e | 252.800 u | 252.800 e |
| Oceania | 5.205 | 6.186 | 8.219 | 11.581 | 15.830 | 18.080 | 20.235 | 22.724 | 22.938 | 22.971 |
| Amer Samoa | | | | | 1.504 e | 1.854 e | 1.854 e | 1.854 e | 1.854 e | 1.854 e |
| Cook Is | 0.047 e | 0.047 e | 0.047 e | 0.047 e | 0.047 e | 0.047 e | 1.769 e | 1.769 e | 1.769 e | 1.769 e |
| Fiji | 0.555 u | 1.002 u | 1.198 u | 1.898 u | 3.898 u | 3.965 u | 4.367 u | 4.417 u | 4.568 e | 4.601 e |
| Fr Polynesia | 1.500 o | 1.600 o | 2.700 o | 2.900 o | 3.000 o | 3.300 o | 3.200 o | 3.300 o | 3.300 o | 3.300 e |
| Kiribati | 0.466 o | 0.502 o | 0.743 o | 1.389 o | 1.397 o | 1.397 o | 1.397 e | 1.397 e | 1.397 e | 1.397 e |
| Marshall Is | 0.300 e | 0.480 e | 0.650 e | 0.650 e | 0.650 e | 0.650 e | 0.666 u | 0.666 e | 0.666 e | 0.666 e |
| Micronesia | 0.297 e | 0.388 e | 0.388 e | 0.388 e | 0.388 e | 0.388 e | 0.395 u | 0.395 e | 0.395 e | 0.395 e |
| Nauru | | 0.008 e | 0.008 e | 0.008 e | 0.008 e | 0.009 e | 0.009 e | 0.167 e | 0.167 e | 0.167 e |
| New Caledon | 0.500 o | 0.500 o | 0.500 o | 0.500 o | 0.500 o | 0.760 o | 0.760 o | 0.760 e | 0.760 e | 0.760 e |
| Palau | | | | | 0.170 o | 0.170 o | 0.170 e | 0.235 u | 0.235 e | 0.235 e |
| Papua N Guin | 0.339 e | 0.339 e | 0.339 e | 0.878 u | 1.229 u | 1.195 u | 0.958 u | 2.696 e | 2.696 e | 2.696 e |
| Samoa | 0.014 e | 0.014 e | 0.014 e | 0.014 e | 0.014 e | 0.039 e | 0.039 e | 0.197 e | 0.197 e | 0.197 e |
| Solomon Is | 0.803 e | 0.803 e | 1.079 e | 1.079 e | 1.110 e | 1.485 e | 1.485 e | 1.485 u | 1.485 e | 1.485 e |
| Tokelau | 0.021 u | 0.021 u | 0.021 u | 0.021 u | 0.021 u | 0.021 e | 0.021 e | 0.021 e | 0.021 e | 0.021 e |
| Tonga | 0.131 o | 0.234 o | 0.234 o | 0.240 o | 0.277 o | 0.277 o | 0.277 o | 0.277 o | 0.277 o | 0.277 o |
| Tuvalu | 0.192 o | 0.192 o | 0.192 o | 1.308 o | 1.316 o | 1.321 o | 1.332 o | 1.332 o | 1.332 e | 1.332 e |
| Vanuatu | 0.040 e | 0.056 e | 0.106 e | 0.261 e | 0.301 e | 1.202 e | 1.536 e | 1.756 e | 1.819 e | 1.819 e |
| S America | 33.448 | 41.587 | 50.536 | 59.320 | 68.036 | 79.922 | 69.585 | 83.164 | 91.544 | 91.567 |
| Argentina | 0.026 o | 0.026 o | 0.024 o | 0.618 o | 0.606 o | 0.606 e | 0.606 e | 2.030 o | 2.030 e | 2.030 e |
| Bolivia | 4.131 e | 5.535 e | 5.535 e | 5.535 e | 5.535 e | 5.535 e | 4.860 o | 5.250 o | 5.250 e | 5.250 e |
| Brazil | 0.721 e | 0.721 e | 0.721 e | 3.930 e | 4.091 e | 7.212 e | 7.227 e | 7.241 o | 7.241 o | 7.241 o |
| Colombia | 1.322 | 1.383 | 1.418 | 1.463 | 1.520 | 1.520 | 3.577 | 7.473 | 14.621 | 14.621 e |
| Ecuador | 0.080 | 0.400 o | 1.940 | 1.940 | 2.010 | 2.010 | 3.169 o | 3.169 o | 3.169 o | 3.192 o |
| Falklands Malv | | | | 0.070 o | 0.070 o | 0.070 o | 0.070 o | 0.070 e | 0.070 e | 0.070 e |
| Fr Guiana | 0.161 o | 0.161 o | 0.161 o | 0.161 o | 0.161 o | 0.161 o | 0.161 o | 0.161 o | 0.161 e | 0.161 |
| Guyana | 0.975 | 1.016 | 1.061 | 1.476 | 1.652 | 1.665 | 1.684 | 1.808 | 1.808 e | 1.808 e |
| Paraguay | 0.005 o | 0.057 o | 0.057 o | 0.057 o | 0.057 o | 0.057 o | 0.057 o | 0.057 o | 0.057 e | 0.057 e |
| Peru | 22.566 e | 28.525 e | 34.484 e | 38.914 e | 46.147 e | 53.379 e | 39.675 | 45.746 | 45.746 e | 45.746 o |
| Suriname | 0.661 e | 0.943 e | 1.195 e | 1.195 e | 1.660 | 2.632 | 3.226 | 3.226 | 3.882 | 3.882 e |
| Uruguay | 0.500 | 0.520 | 0.540 | 0.561 | 1.127 | 1.675 | 2.273 | 3.933 | 4.509 o | 4.509 e |
| Venezuela | 2.300 | 2.300 | 3.400 | 3.400 | 3.400 | 3.400 | 3.000 e | 3.000 o | 3.000 e | 3.000 e |

# Other renewable energy
# Autres énergies renouvelables
# Otras energías renovables

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 3 675.911 | 3 787.832 | 4 432.269 | 4 701.757 | 4 869.624 | 4 254.216 | 4 474.530 | 4 337.649 | 4 437.013 | 4 471.272 |
| Africa | 85.356 | 91.476 | 116.436 | 118.306 | 120.667 | 123.536 | 124.026 | 124.131 | 124.131 | 144.131 |
| Algeria | | | 10.200 | 10.200 | 10.200 | 10.200 e | 10.000 e | 10.000 e | 10.000 e | 10.000 e |
| Burkina Faso | | 0.150 u | 0.150 u | 0.150 u | 0.150 e | 0.150 e | 0.150 e | 0.150 e | 0.150 e | 0.150 e |
| Burundi | 4.000 e | 4.000 o | 4.000 e | 4.000 e | 4.000 e | 4.000 e | 4.000 e | 4.000 e | 4.000 e | 4.000 e |
| Chad | | | | | 1.100 u | 1.100 e | 1.100 e | 1.100 e | 1.100 o | 1.100 e |
| Congo DR | 0.160 e | 0.160 e | 0.160 e | 0.160 e | 0.160 e | 2.160 e | 2.960 e | 2.960 e | 2.960 e | 2.960 e |
| Djibouti | | | | | | | | | | 20.000 u |
| Egypt | 5.000 o | 5.000 o | 5.000 o | 5.000 o | 5.000 o | 5.000 o | 5.000 o | 5.000 o | 5.000 o | 5.000 e |
| Eritrea | 0.825 e | 0.825 e | 0.825 e | 0.825 e | 0.825 e | 0.825 e | 0.825 e | 0.825 e | 0.825 e | 0.825 e |
| Ethiopia | | | | | 0.006 u | 0.006 e | 0.006 e | 0.006 e | 0.006 | 0.006 |
| Gabon | | | | 1.200 e | 1.200 e | 1.200 e | 1.200 e | 1.200 e | 1.200 e | 1.200 e |
| Ghana | 6.774 e | 6.774 e | 8.274 e | 8.294 e | 8.294 e | 8.294 e | 8.294 e | 8.294 e | 8.294 e | 8.294 e |
| Kenya | 0.554 e | 0.554 e | 0.554 e | 0.604 e | 0.604 e | 0.714 e | 0.604 e | 0.604 e | 0.604 e | 0.604 e |
| Madagascar | 0.341 o | 0.411 o | 0.411 o | 0.411 o | 0.411 o | 0.411 e | 0.411 e | 0.411 e | 0.411 e | 0.411 e |
| Mali | 32.000 e | 32.000 o | 40.000 e | 40.000 e | 40.000 e | 40.000 u | 40.000 e | 40.000 e | 40.000 e | 40.000 e |
| Mauritania | | 4.400 o | 4.400 o | 4.400 o | 4.400 o | 4.400 o | 4.400 e | 4.400 e | 4.400 e | 4.400 e |
| Morocco | 5.000 | 5.000 | 5.000 | 5.000 | 5.000 | 5.000 | 5.000 | 5.000 e | 5.000 e | 5.000 e |
| Namibia | 0.002 u | 0.002 u | 0.002 u | 0.002 u | 0.002 u | 0.011 u | 0.011 e | 0.011 | 0.011 e | 0.011 e |
| Nigeria | 6.000 e | 7.500 e | 9.000 e | 9.000 e | 10.230 e | 10.230 e | 10.230 e | 10.335 e | 10.335 e | 10.335 e |
| Somalia | 2.200 u | 2.200 u | 2.200 u | 2.800 u | 2.800 u | 3.550 u | 3.550 e | 3.550 e | 3.550 | 3.550 e |
| Tanzania | 22.500 o | 22.500 o | 26.260 u | 26.260 e | 26.285 e | 26.285 e | 26.285 e | 26.285 e | 26.285 e | 26.285 e |
| Asia | 3 297.156 | 3 352.652 | 3 937.448 | 4 196.444 | 4 348.500 | 3 709.985 | 3 905.160 | 3 744.282 | 3 832.636 | 3 846.890 |
| Afghanistan | 0.100 u | 0.100 e | 0.100 e | 0.100 e | 0.100 e | 0.100 e | 0.100 e | 0.100 e | 0.100 e | 0.100 e |
| Bangladesh | 3.750 o | 4.420 o | 5.120 o | 6.650 o | 7.050 o | 7.050 o | 7.050 e | 7.050 o | 7.350 o | 7.350 e |
| Cambodia | 2.250 e | 2.250 e | 2.250 e | 3.750 e | 3.750 e | 3.750 e | 3.750 e | 3.750 e | 3.750 e | 3.750 e |
| China | 173.530 | 210.530 | 249.130 | 297.730 | 342.690 | 370.390 | 401.150 | 431.910 e | 462.670 o | 493.430 e |
| India | 540.025 o | 584.028 o | 736.305 o | 785.371 o | 843.616 o | 849.946 e | 896.347 e | 866.629 e | 963.869 e | 963.869 e |
| Indonesia | 1 884.000 o | 1 615.000 o | 1 626.000 o | 1 626.000 o | 1 633.000 e | 1 669.000 e | 1 685.260 e | 1 687.260 e | 1 718.820 e | 1 718.820 e |
| Korea DPR | 0.200 u | 0.200 u | 0.200 u | 0.200 u | 0.200 u | 0.600 o | 0.600 e | 0.600 e | 0.600 e | 0.600 e |
| Lao PDR | | | | | | | 0.290 o | 0.290 o | 0.290 o | 0.290 o |
| Malaysia | 504.860 o | 732.530 o | 1 100.000 o | 1 237.800 o | 1 243.000 o | 531.640 o | 531.640 e | 531.640 e | 531.640 e | 531.640 e |
| Maldives | 1.407 u | 1.407 u | 1.407 e | 1.407 e | 1.407 e | 1.407 e | 1.407 e | 1.407 e | 1.407 e | 1.407 e |
| Mongolia | 1.006 e | 1.006 e | 1.006 e | 1.006 e | 1.006 e | 1.006 e | 1.006 o | 1.006 e | 1.000 | 0.994 e |
| Myanmar | 44.542 e | 48.626 e | 52.375 e | 47.875 e | 49.221 e | 51.618 e | 56.308 e | 58.358 e | 58.358 e | 58.358 e |
| Nepal | | 0.069 u | 0.069 u | 0.069 u | 0.069 u | 0.069 e | 0.169 o | 0.199 o | 0.199 e | 0.199 e |
| Pakistan | 0.561 e | 0.561 e | 0.561 e | 0.561 e | 0.561 e | 0.579 e | 1.253 e | 1.253 e | 1.253 e | 1.253 e |
| Philippines | 15.925 u | 20.925 e | 20.925 e | 20.925 e | 29.830 e | 29.830 e | 29.830 e | 45.830 o | 45.830 e | 45.830 e |
| Viet Nam | 125.000 e | 131.000 e | 142.000 e | 167.000 e | 193.000 e | 193.000 e | 289.000 e | 107.000 e | 35.500 e | 19.000 e |
| C America + Carib | 43.358 | 46.551 | 46.834 | 43.539 | 41.541 | 46.639 | 48.687 | 54.987 | 54.987 | 54.987 |
| Belize | 0.020 u | 0.020 u | 0.020 u | 0.020 u | 0.020 u | 0.020 u | 0.020 u | 0.020 u | 0.020 u | 0.020 e |
| Costa Rica | | | | | | 4.500 | 4.500 | 4.500 | 4.500 e | 4.500 e |
| Dominica | 0.010 o | 0.010 o | 0.010 o | 0.010 o | 0.010 o | 0.010 o | 0.010 o | 0.010 e | 0.010 e | 0.010 e |
| Dominican Rep | 15.828 e | 16.121 e | 16.390 e | 16.895 e | 17.211 e | 17.309 e | 17.431 e | 17.431 e | 17.431 e | 17.431 e |
| Haiti | | | | | | | 0.024 u | 0.024 e | 0.024 e | 0.024 e |
| Honduras | | | 0.014 e | 0.014 e | 0.014 e | 0.014 e | 0.014 e | 6.314 e | 6.314 e | 6.314 e |
| Nicaragua | | | | | 0.010 e | 0.010 e | 1.912 e | 1.912 e | 1.912 e | 1.912 e |
| Panama | 27.500 | 30.300 | 30.300 | 26.500 | 24.000 | 24.500 o | 24.500 e | 24.500 e | 24.500 e | 24.500 o |
| St Lucia | | | | | 0.176 e | 0.176 e | 0.176 e | 0.176 e | 0.176 e | 0.176 e |
| US Virgin Is | | 0.100 o | 0.100 o | 0.100 o | 0.100 o | 0.100 o | 0.100 e | 0.100 e | 0.100 e | 0.100 e |
| Middle East | 1.100 | 5.000 | 6.000 | 6.000 | 6.000 | 6.000 | 6.000 | 6.000 | 6.010 | 6.015 |
| Jordan | | | | | | | | | 0.010 o | 0.010 o |
| Kuwait | | 2.400 u | 2.400 e | 2.400 e | 2.400 e | 2.400 e | 2.400 e | 2.400 e | 2.400 e | 2.400 e |
| Lebanon | 0.500 u | 2.000 u | 3.000 u | 3.000 e | 3.000 e | 3.000 e | 3.000 e | 3.000 e | 3.000 e | 3.000 e |
| Syrian AR | 0.600 e | 0.600 e | 0.600 e | 0.600 e | 0.600 e | 0.600 e | 0.600 e | 0.600 e | 0.600 e | 0.600 e |
| Yemen | | | | | | | | | | 0.005 o |
| Oceania | 73.212 | 75.124 | 75.124 | 75.084 | 75.084 | 75.084 | 75.085 | 75.085 | 75.085 | 75.085 |
| Fiji | 0.018 u | 0.024 u | 0.024 u | 0.024 u | 0.024 u | 0.024 u | 0.024 u | 0.024 e | 0.024 e | 0.024 e |
| Fr Polynesia | 0.248 e | 0.248 e | 0.248 e | 0.248 e | 0.248 e | 0.248 e | 0.248 e | 0.248 e | 0.248 e | 0.248 e |
| Marshall Is | | | | | | | 0.001 u | 0.001 e | 0.001 e | 0.001 e |
| Papua N Guin | 72.406 u | 74.312 u | 74.312 u | 74.312 u | 74.312 u | 74.312 u | 74.312 u | 74.312 e | 74.312 e | 74.312 e |
| Solomon Is | 0.500 e | 0.500 e | 0.500 e | 0.500 u | 0.500 u | 0.500 u | 0.500 u | 0.500 e | 0.500 e | 0.500 e |
| Vanuatu | 0.040 e | 0.040 e | 0.040 e | | | | | | | |
| S America | 175.729 | 217.029 | 250.427 | 262.384 | 277.832 | 292.972 | 315.572 | 333.164 | 344.164 | 344.164 |
| Argentina | 0.069 o | 0.069 o | 0.077 o | 0.104 o | 0.092 o | 0.092 e | 0.092 e | 7.424 o | 7.424 e | 7.424 e |
| Bolivia | 60.170 | 60.170 | 90.500 | 99.000 | 99.000 | 99.000 | 117.500 o | 122.500 o | 133.500 | 133.500 e |
| Colombia | 0.059 o | 0.059 o | 0.059 o | 0.059 o | 0.059 o | 0.099 o | 0.099 o | 0.059 e | 0.059 e | 0.059 e |
| Ecuador | 2.400 | 2.400 | 4.650 o | 4.650 o | 4.650 o | 4.650 o | 4.650 e | 4.650 o | 4.650 o | 4.650 o |
| Falklands Malv | 0.340 e | 0.340 e | 0.340 e | 0.340 o | 0.340 o | 0.340 o | 0.340 o | 0.340 e | 0.340 e | 0.340 e |
| Fr Guiana | | | | | | | | 3.100 o | 3.100 e | 3.100 o |
| Guyana | 43.285 | 43.305 | 43.315 | 43.345 | 33.805 | 33.805 | 34.405 | 34.405 | 34.405 e | 34.405 e |
| Peru | 39.400 o | 39.400 o | 39.400 o | 41.300 | 66.300 o | 76.300 o | 74.400 e | 74.400 e | 74.400 e | 74.400 o |

# Other renewable energy
# Autres énergies renouvelables
# Otras energías renovables

| CAP (MW) | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| South Georgia | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 e | 0.006 e |
| Suriname | | | | 1.500 | 1.500 | 1.500 | 1.500 e | 1.500 e | 1.500 e | 1.500 e |
| Uruguay | | | 0.800 e | 0.800 e | 0.800 e | 5.900 e | 11.300 e | 13.500 e | 13.500 e | 13.500 e |
| Venezuela | 30.000 | 71.280 u | 71.280 u | 71.280 u | 71.280 u | 71.280 u | 71.280 u | 71.280 u | 71.280 e | 71.280 e |

# Other indicators

# Autres indicateurs

# Otros indicadores

# Renewable energy share of electricity capacity
# La part d'énergie renouvelable dans la puissance installée
# Proporción de energía renovable en la capacidad eléctrica

| % | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| World | 26.2 | 27.3 | 28.3 | 29.6 | 30.8 | 32.1 | 33.2 | 34.6 | 36.6 | 38.3 |
| Africa | 18.8 | 19.0 | 19.6 | 20.1 | 20.1 | 21.2 | 21.7 | 21.8 | 22.6 | 23.1 |
| Algeria | 1.9 | 1.7 | 1.7 | 1.8 | 2.5 | 3.4 | 3.2 | 2.9 | 2.8 | 2.6 |
| Angola | 51.5 | 44.5 | 43.9 | 42.9 | 56.0 | 56.8 | 59.6 | 61.8 | 64.0 | 64.0 |
| Benin | 0.8 | 0.4 | 0.7 | 1.7 | 1.7 | 1.7 | 1.9 | 1.1 | 1.1 | 1.1 |
| Botswana | 0.5 | 0.5 | 0.2 | 0.2 | 0.4 | 0.4 | 0.4 | 0.6 | 0.6 | 0.6 |
| Burkina Faso | 10.3 | 15.0 | 13.3 | 12.1 | 12.8 | 21.6 | 24.7 | 22.4 | 22.4 | 22.4 |
| Burundi | 78.4 | 73.7 | 73.7 | 73.8 | 74.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| Cabo Verde | 21.0 | 23.3 | 23.3 | 18.7 | 18.9 | 18.9 | 20.0 | 20.1 | 20.1 | 20.1 |
| Cameroon | 66.5 | 57.7 | 57.8 | 55.5 | 55.6 | 51.3 | 51.4 | 54.0 | 54.0 | 53.9 |
| Cent Afr Rep | 50.2 | 50.2 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.6 | 46.6 | 21.0 |
| Chad | 0.7 | 0.7 | 0.7 | 0.8 | 1.1 | 1.1 | 1.2 | 1.2 | 1.3 | 1.3 |
| Comoros | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 | 6.3 |
| Congo DR | 99.0 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| Congo Rep | 32.7 | 32.7 | 32.7 | 32.7 | 33.4 | 34.7 | 34.7 | 34.7 | 27.5 | 27.5 |
| Cote d Ivoire | 42.3 | 39.6 | 37.0 | 34.1 | 32.1 | 40.8 | 40.9 | 40.0 | 40.0 | 40.0 |
| Djibouti | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 14.2 |
| Egypt | 11.0 | 10.6 | 10.6 | 10.4 | 9.5 | 8.4 | 8.6 | 9.7 | 10.1 | 10.4 |
| Eq Guinea | 36.1 | 36.1 | 36.1 | 36.1 | 33.8 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| Eritrea | 0.6 | 0.6 | 5.9 | 5.2 | 5.4 | 5.1 | 8.3 | 9.2 | 10.1 | 11.0 |
| Eswatini | 94.9 | 94.9 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.8 |
| Ethiopia | 91.7 | 92.1 | 92.1 | 94.8 | 96.4 | 97.8 | 98.1 | 97.7 | 97.8 | 97.9 |
| Gabon | 38.0 | 54.8 | 55.3 | 55.2 | 53.0 | 53.5 | 54.4 | 54.4 | 54.4 | 54.4 |
| Gambia | 3.9 | 3.3 | 3.5 | 3.6 | 3.6 | 3.6 | 3.2 | 3.2 | 3.2 | 2.7 |
| Ghana | 49.4 | 56.6 | 56.7 | 57.1 | 46.2 | 41.4 | 40.9 | 32.3 | 31.7 | 31.7 |
| Guinea | 59.8 | 38.5 | 38.5 | 61.8 | 62.8 | 61.1 | 60.7 | 60.0 | 55.4 | 73.0 |
| Guinea Bissau | | | | 1.1 | 1.1 | 1.1 | 4.0 | 4.0 | 4.0 | 4.0 |
| Kenya | 65.3 | 65.5 | 65.6 | 65.8 | 66.2 | 67.5 | 71.8 | 71.9 | 74.9 | 76.0 |
| Lesotho | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| Liberia | 4.3 | 4.2 | 4.2 | 4.2 | 21.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| Libya | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| Madagascar | 30.3 | 30.6 | 24.9 | 25.2 | 25.4 | 23.6 | 24.1 | 24.1 | 24.1 | 24.1 |
| Malawi | 91.6 | 91.6 | 93.0 | 93.3 | 93.3 | 91.2 | 74.2 | 76.8 | 76.9 | 78.9 |
| Mali | 50.8 | 52.1 | 51.3 | 51.0 | 47.1 | 44.9 | 44.9 | 44.9 | 48.1 | 49.8 |
| Mauritania | | 9.1 | 8.8 | 11.3 | 14.3 | 14.3 | 21.2 | 20.8 | 20.8 | 19.5 |
| Mauritius | 18.4 | 18.8 | 20.8 | 22.0 | 23.7 | 23.8 | 27.3 | 28.7 | 28.7 | 28.7 |
| Mayotte | 14.3 | 14.4 | 14.5 | 14.2 | 11.9 | 13.3 | 13.3 | 13.3 | 15.4 | 15.4 |
| Morocco | 23.8 | 24.9 | 26.7 | 28.2 | 29.1 | 28.7 | 29.8 | 30.5 | 32.6 | 33.0 |
| Mozambique | 97.3 | 97.3 | 97.2 | 90.1 | 78.4 | 81.8 | 79.0 | 79.0 | 79.0 | 79.0 |
| Namibia | 65.6 | 65.9 | 62.4 | 62.7 | 67.7 | 70.0 | 70.8 | 73.1 | 73.2 | 73.2 |
| Niger | 1.5 | 1.9 | 2.3 | 2.7 | 3.0 | 2.6 | 7.4 | 7.1 | 7.1 | 7.1 |
| Nigeria | 23.4 | 21.3 | 20.2 | 20.2 | 17.1 | 17.0 | 16.4 | 16.4 | 16.3 | 16.4 |
| Reunion | 42.6 | 40.2 | 43.9 | 45.3 | 45.5 | 45.5 | 45.7 | 48.3 | 49.1 | 49.8 |
| Rwanda | 51.8 | 53.5 | 59.0 | 52.5 | 54.5 | 52.7 | 54.6 | 56.6 | 58.2 | 58.2 |
| Sao Tome Prn | 7.9 | 8.1 | 6.9 | 6.4 | 6.5 | 5.5 | 5.6 | 5.6 | 5.6 | 5.6 |
| Senegal | 5.4 | 5.4 | 5.6 | 5.5 | 8.7 | 15.8 | 15.0 | 20.6 | 26.8 | 30.3 |
| Seychelles | | 6.5 | 7.2 | 7.6 | 6.7 | 6.9 | 7.7 | 7.7 | 7.8 | 11.2 |
| Sierra Leone | 59.9 | 59.9 | 66.7 | 55.4 | 55.5 | 57.5 | 49.1 | 41.7 | 41.7 | 41.7 |
| Somalia | 2.7 | 2.7 | 2.8 | 3.6 | 8.5 | 11.5 | 9.6 | 9.6 | 16.0 | 20.4 |
| South Africa | 2.3 | 3.3 | 5.8 | 7.2 | 9.3 | 12.3 | 14.3 | 14.4 | 16.6 | 17.6 |
| South Sudan | 0.2 | 0.2 | 0.2 | 0.2 | 0.5 | 0.3 | 0.5 | 0.5 | 0.5 | 0.8 |
| Sudan | 46.3 | 46.4 | 46.5 | 46.5 | 46.1 | 46.2 | 47.4 | 47.7 | 48.2 | 48.4 |
| Tanzania | 39.9 | 38.4 | 40.0 | 41.6 | 38.4 | 38.5 | 34.0 | 34.1 | 34.2 | 34.2 |
| Togo | 28.0 | 28.0 | 28.1 | 28.4 | 28.5 | 28.6 | 28.9 | 29.5 | 29.7 | 35.9 |
| Tunisia | 5.6 | 6.0 | 6.2 | 6.6 | 6.5 | 6.5 | 7.3 | 7.2 | 7.0 | 6.7 |
| Uganda | 83.7 | 88.2 | 84.9 | 85.2 | 85.2 | 85.8 | 89.8 | 92.0 | 92.1 | 92.1 |
| Zambia | 95.7 | 97.0 | 94.2 | 93.1 | 83.8 | 82.2 | 82.3 | 82.9 | 82.9 | 83.7 |
| Zimbabwe | 41.6 | 41.8 | 41.8 | 42.2 | 42.4 | 42.5 | 49.8 | 49.9 | 50.0 | 50.2 |
| Asia | 22.6 | 24.4 | 25.9 | 27.3 | 28.7 | 30.5 | 31.8 | 33.1 | 35.8 | 37.7 |
| Afghanistan | 55.1 | 55.4 | 55.8 | 56.1 | 59.6 | 60.0 | 60.0 | 56.8 | 56.8 | 57.3 |
| Bangladesh | 2.8 | 2.9 | 2.8 | 2.7 | 2.6 | 2.7 | 2.2 | 2.2 | 2.2 | 2.4 |
| Bhutan | 99.4 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.7 | 99.6 | 99.6 |
| Brunei Darsm | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 |
| Cambodia | 44.1 | 61.0 | 63.5 | 57.9 | 57.2 | 55.2 | 63.3 | 60.6 | 55.8 | 57.4 |
| China | 26.3 | 28.5 | 30.3 | 31.7 | 33.1 | 35.2 | 36.6 | 37.7 | 40.8 | 42.9 |
| Chinese Taipei | 6.8 | 7.2 | 7.7 | 8.3 | 8.9 | 10.0 | 11.3 | 13.3 | 16.0 | 18.6 |
| India | 23.3 | 22.5 | 22.9 | 22.7 | 24.8 | 27.1 | 28.1 | 29.0 | 29.9 | 31.5 |
| Indonesia | 15.9 | 15.7 | 15.4 | 15.7 | 15.5 | 15.2 | 15.1 | 14.8 | 14.4 | 15.1 |
| Japan | 13.1 | 15.1 | 17.7 | 20.8 | 22.7 | 24.8 | 26.5 | 28.8 | 30.1 | 31.1 |
| Kazakhstan | 12.6 | 12.7 | 13.4 | 13.5 | 13.3 | 13.6 | 13.3 | 16.1 | 18.6 | 24.4 |
| Korea DPR | 59.0 | 59.2 | 59.3 | 60.3 | 61.5 | 61.8 | 59.0 | 59.0 | 59.4 | 59.4 |
| Korea Rep | 4.2 | 4.7 | 5.7 | 7.0 | 8.3 | 9.2 | 10.8 | 13.5 | 14.9 | 17.1 |
| Kyrgyzstan | 79.4 | 81.8 | 82.3 | 85.3 | 85.3 | 85.4 | 85.3 | 85.3 | 85.3 | 85.3 |
| Lao PDR | 100.0 | 100.0 | 100.0 | 77.7 | 72.4 | 73.4 | 74.6 | 77.2 | 80.4 | 81.9 |
| Malaysia | 14.7 | 18.7 | 21.6 | 24.2 | 25.7 | 22.2 | 22.6 | 21.9 | 23.2 | 23.0 |
| Maldives | 1.9 | 2.2 | 3.6 | 4.2 | 4.0 | 5.4 | 3.3 | 4.0 | 5.1 | 5.8 |
| Mongolia | 3.7 | 7.4 | 7.4 | 7.4 | 8.3 | 13.8 | 18.3 | 18.7 | 18.7 | 18.1 |
| Myanmar | 75.5 | 72.6 | 68.9 | 65.7 | 65.6 | 59.1 | 54.9 | 53.6 | 45.3 | 45.2 |
| Nepal | 93.1 | 93.4 | 93.6 | 94.0 | 94.1 | 94.9 | 95.4 | 95.9 | 96.3 | 97.5 |
| Pakistan | 29.8 | 31.0 | 31.6 | 31.6 | 33.5 | 29.1 | 32.8 | 31.4 | 31.7 | 31.4 |

# Renewable energy share of electricity capacity
# La part d'énergie renouvelable dans la puissance installée
# Proporción de energía renovable en la capacidad eléctrica

| % | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Philippines | 29.0 | 27.2 | 28.5 | 29.1 | 28.2 | 28.0 | 27.6 | 26.4 | 26.5 | 27.6 |
| Singapore | 1.3 | 1.4 | 1.6 | 1.9 | 2.3 | 2.4 | 2.8 | 3.9 | 4.6 | 5.4 |
| Sri Lanka | 49.9 | 52.3 | 45.4 | 47.4 | 48.6 | 49.8 | 51.5 | 51.1 | 52.6 | 53.9 |
| Tajikistan | 93.8 | 93.8 | 92.3 | 92.3 | 87.5 | 87.5 | 87.8 | 88.0 | 88.0 | 88.0 |
| Thailand | 17.1 | 19.8 | 20.6 | 21.2 | 21.8 | 20.7 | 21.8 | 22.3 | 22.1 | 21.7 |
| Timor Leste | 0.6 | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Turkmenistan | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Uzbekistan | 13.9 | 14.0 | 14.2 | 13.3 | 13.1 | 12.6 | 13.5 | 12.0 | 12.5 | 12.9 |
| Viet Nam | 43.7 | 45.7 | 45.5 | 42.7 | 42.8 | 41.7 | 41.2 | 47.7 | 55.8 | 56.1 |
| | | | | | | | | | | |
| C America + Carib | 25.7 | 25.9 | 26.8 | 29.5 | 32.1 | 33.7 | 34.2 | 36.1 | 37.1 | 37.7 |
| | | | | | | | | | | |
| Anguilla | 0.2 | 0.2 | 4.0 | 4.0 | 7.3 | 7.3 | 4.6 | 6.0 | 6.0 | 6.0 |
| Antigua Barb | 0.4 | 0.3 | 0.3 | 2.8 | 4.2 | 5.1 | 9.7 | 9.7 | 16.9 | 16.9 |
| Aruba | 11.0 | 11.2 | 12.9 | 13.2 | 13.2 | 13.2 | 13.3 | 12.9 | 12.9 | 12.9 |
| Bahamas | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 |
| Barbados | 0.6 | 0.7 | 2.5 | 3.5 | 7.4 | 7.8 | 7.6 | 11.6 | 15.8 | 15.8 |
| Belize | 52.8 | 53.7 | 53.9 | 54.3 | 58.5 | 60.3 | 60.4 | 52.3 | 52.8 | 52.8 |
| BES Islands | 36.9 | 36.9 | 36.9 | 37.5 | 41.2 | 39.3 | 38.2 | 39.6 | 39.6 | 39.6 |
| Br Virgin Is | 1.4 | 1.4 | 1.4 | 1.8 | 1.8 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Cayman Is | | | | | 1.7 | 5.2 | 5.8 | 6.4 | 7.3 | 7.8 |
| Costa Rica | 77.6 | 77.8 | 78.3 | 79.6 | 83.5 | 86.0 | 86.2 | 86.9 | 86.8 | 87.1 |
| Cuba | 10.4 | 9.1 | 9.6 | 10.0 | 9.4 | 10.4 | 11.4 | 16.6 | 18.8 | 19.1 |
| Curacao | 11.4 | 12.3 | 13.8 | 22.4 | 22.8 | 29.3 | 23.1 | 23.1 | 25.7 | 25.7 |
| Dominica | 25.9 | 25.9 | 25.9 | 25.9 | 27.0 | 27.0 | 26.1 | 26.1 | 24.8 | 24.8 |
| Dominican Rep | 13.4 | 13.5 | 13.5 | 14.3 | 16.7 | 17.6 | 19.9 | 24.9 | 26.0 | 26.7 |
| El Salvador | 58.7 | 56.3 | 57.2 | 55.0 | 56.5 | 60.7 | 62.9 | 66.3 | 67.4 | 67.4 |
| Grenada | 0.7 | 1.1 | 1.5 | 2.1 | 4.2 | 4.3 | 4.8 | 5.8 | 6.6 | 6.2 |
| Guadeloupe | 28.9 | 29.8 | 25.2 | 27.5 | 26.4 | 27.0 | 27.6 | 30.9 | 31.3 | 32.5 |
| Guatemala | 54.3 | 55.4 | 57.5 | 58.3 | 63.2 | 67.4 | 69.6 | 69.7 | 69.7 | 69.7 |
| Haiti | 13.4 | 12.9 | 13.0 | 13.0 | 13.0 | 13.1 | 17.1 | 17.1 | 17.1 | 17.1 |
| Honduras | 43.4 | 46.2 | 46.6 | 59.9 | 60.1 | 62.1 | 63.0 | 63.0 | 64.7 | 64.8 |
| Jamaica | 9.9 | 10.6 | 10.8 | 10.8 | 17.5 | 19.5 | 19.5 | 18.8 | 17.5 | 17.5 |
| Martinique | 13.8 | 11.8 | 13.3 | 14.0 | 14.3 | 14.6 | 20.7 | 23.7 | 24.0 | 24.2 |
| Montserrat | | | | | | | | 3.5 | 3.5 | 12.6 |
| Nicaragua | 42.8 | 43.1 | 44.9 | 45.6 | 47.3 | 45.4 | 45.5 | 45.2 | 45.2 | 38.2 |
| Panama | 61.2 | 59.8 | 59.9 | 63.1 | 63.7 | 64.5 | 54.5 | 56.0 | 61.8 | 69.1 |
| Puerto Rico | 4.0 | 4.8 | 4.9 | 6.9 | 7.4 | 7.9 | 7.9 | 8.4 | 9.1 | 10.8 |
| St Barth | | | | | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| St Kitts Nevis | 3.7 | 4.3 | 6.1 | 5.8 | 6.2 | 5.8 | 5.8 | 5.8 | 5.8 | 5.8 |
| St Lucia | 0.1 | 0.1 | 0.1 | 0.9 | 1.1 | 1.1 | 4.3 | 4.3 | 4.3 | 4.3 |
| St Martin | | 4.4 | 5.0 | 7.9 | 3.1 | 0.2 | 0.2 | 0.9 | 0.9 | 0.9 |
| St Vincent Gren | 10.6 | 11.8 | 11.8 | 12.2 | 12.8 | 13.0 | 13.0 | 13.9 | 13.9 | 13.9 |
| Trinidad Tobago | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Turks Caicos | | | | 0.0 | 0.0 | 0.2 | 0.5 | 1.0 | 1.0 | 1.0 |
| US Virgin Is | 0.2 | 0.3 | 1.6 | 2.8 | 2.9 | 2.1 | 3.0 | 3.0 | 3.0 | 3.0 |
| | | | | | | | | | | |
| Eurasia | 25.2 | 25.4 | 24.6 | 26.0 | 25.5 | 26.2 | 27.0 | 27.5 | 28.5 | 29.5 |
| | | | | | | | | | | |
| Armenia | 30.9 | 31.6 | 31.7 | 36.5 | 36.9 | 37.2 | 37.8 | 38.3 | 39.1 | 40.5 |
| Azerbaijan | 16.0 | 15.0 | 15.2 | 14.8 | 15.0 | 15.0 | 16.3 | 16.9 | 17.0 | 17.1 |
| Georgia | 79.6 | 79.8 | 80.6 | 76.0 | 76.1 | 77.5 | 77.4 | 78.9 | 73.8 | 74.4 |
| Russian Fed | 21.3 | 21.0 | 19.8 | 20.5 | 19.5 | 19.5 | 19.5 | 19.7 | 20.0 | 20.4 |
| Turkey | 38.9 | 39.9 | 40.2 | 43.1 | 43.9 | 45.5 | 47.7 | 48.6 | 51.3 | 53.3 |
| | | | | | | | | | | |
| Europe | 36.3 | 38.1 | 39.3 | 41.2 | 42.8 | 44.4 | 45.4 | 47.8 | 49.8 | 52.1 |
| | | | | | | | | | | |
| Albania | 94.4 | 94.8 | 94.6 | 94.8 | 95.1 | 95.4 | 95.5 | 95.6 | 95.9 | 95.9 |
| Andorra | 100.0 | 100.0 | 100.0 | 100.0 | 96.2 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 |
| Austria | 72.0 | 72.1 | 73.4 | 74.7 | 76.7 | 78.6 | 79.5 | 80.2 | 80.3 | 80.9 |
| Belarus | 0.6 | 0.8 | 0.8 | 1.0 | 2.2 | 2.9 | 3.8 | 4.1 | 4.8 | 5.2 |
| Belgium | 24.6 | 27.5 | 28.6 | 30.1 | 31.4 | 33.6 | 36.4 | 39.8 | 43.9 | 46.8 |
| Bosnia Herzg | 43.7 | 42.8 | 43.0 | 43.1 | 40.8 | 41.3 | 42.3 | 42.9 | 43.8 | 36.3 |
| Bulgaria | 34.4 | 35.2 | 36.2 | 37.9 | 38.6 | 39.5 | 38.1 | 38.5 | 39.7 | 40.2 |
| Croatia | 55.5 | 57.6 | 58.5 | 56.9 | 57.6 | 58.7 | 59.5 | 65.1 | 69.8 | 71.1 |
| Cyprus | 10.0 | 11.3 | 12.8 | 13.9 | 14.3 | 15.5 | 16.1 | 17.7 | 21.1 | 24.5 |
| Czechia | 19.5 | 19.4 | 19.0 | 19.3 | 19.2 | 19.2 | 19.1 | 19.8 | 20.6 | 21.1 |
| Denmark | 42.3 | 47.7 | 49.5 | 50.8 | 52.1 | 57.2 | 59.4 | 59.3 | 60.4 | 63.9 |
| Estonia | 15.1 | 17.8 | 18.5 | 20.7 | 23.6 | 24.2 | 21.6 | 26.1 | 30.3 | 35.2 |
| Faroe Islands | 41.4 | 43.7 | 48.0 | 46.4 | 46.3 | 46.3 | 44.8 | 40.4 | 36.0 | 36.0 |
| Finland | 32.9 | 32.8 | 35.1 | 36.7 | 41.0 | 43.4 | 43.7 | 44.8 | 49.9 | 52.2 |
| France | 28.4 | 29.8 | 31.2 | 32.4 | 33.7 | 35.9 | 37.4 | 39.2 | 40.7 | 42.7 |
| Germany | 43.8 | 45.2 | 45.7 | 48.1 | 50.2 | 52.3 | 52.0 | 54.0 | 56.4 | 60.5 |
| Greece | 37.0 | 40.7 | 42.4 | 43.0 | 44.0 | 44.7 | 46.1 | 48.5 | 52.5 | 54.5 |
| Hungary | 7.7 | 8.9 | 11.8 | 12.5 | 12.0 | 13.8 | 17.5 | 22.9 | 28.2 | 28.2 |
| Iceland | 95.7 | 95.9 | 95.9 | 95.8 | 97.0 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 |
| Ireland | 23.1 | 25.1 | 28.0 | 28.5 | 31.1 | 34.6 | 36.8 | 40.7 | 42.2 | 42.5 |
| Italy | 37.5 | 39.2 | 40.7 | 43.1 | 44.8 | 45.6 | 46.1 | 46.7 | 47.7 | 48.7 |
| Kosovo* | 4.6 | 4.6 | 4.6 | 4.6 | 8.2 | 8.6 | 8.6 | 9.7 | 9.6 | 15.8 |
| Latvia | 64.0 | 60.6 | 60.8 | 60.8 | 60.7 | 61.1 | 61.0 | 62.1 | 62.0 | 59.6 |
| Lithuania | 10.5 | 12.1 | 13.4 | 19.1 | 20.7 | 23.4 | 24.5 | 25.5 | 28.0 | 35.4 |
| Luxembourg | 10.4 | 11.6 | 11.1 | 11.8 | 17.6 | 18.6 | 18.9 | 21.7 | 23.8 | 24.9 |
| Malta | 2.9 | 4.8 | 8.5 | 11.7 | 17.1 | 16.5 | 18.8 | 21.3 | 24.6 | 25.4 |
| Moldova Rep | 2.1 | 2.2 | 2.3 | 2.3 | 2.3 | 2.7 | 3.5 | 3.6 | 3.7 | 4.2 |

# Renewable energy share of electricity capacity
# La part d'énergie renouvelable dans la puissance installée
# Proporción de energía renovable en la capacidad eléctrica

| % | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 |
|---|---|---|---|---|---|---|---|---|---|---|
| Montenegro | 74.2 | 74.2 | 74.9 | 75.2 | 75.4 | 76.9 | 77.0 | 78.0 | 78.5 | 78.5 |
| Netherlands | 11.6 | 13.7 | 14.7 | 16.9 | 21.0 | 23.4 | 28.1 | 33.9 | 43.7 | 49.1 |
| North Macedonia | 35.1 | 36.0 | 38.8 | 40.0 | 39.5 | 39.8 | 40.1 | 40.5 | 42.8 | 46.6 |
| Norway | 95.4 | 95.5 | 95.7 | 95.7 | 97.0 | 97.0 | 97.1 | 97.2 | 97.4 | 97.5 |
| Poland | 11.6 | 14.3 | 15.7 | 18.5 | 20.7 | 18.6 | 19.3 | 21.5 | 24.9 | 29.9 |
| Portugal | 55.5 | 59.0 | 60.5 | 61.9 | 64.1 | 64.7 | 64.9 | 65.4 | 65.6 | 70.6 |
| Romania | 38.6 | 44.2 | 46.9 | 47.3 | 47.6 | 47.5 | 47.6 | 53.7 | 54.3 | 56.5 |
| Serbia | 33.3 | 32.8 | 33.4 | 33.4 | 33.7 | 33.4 | 35.2 | 36.9 | 37.0 | 34.8 |
| Slovakia | 27.8 | 27.9 | 29.4 | 30.6 | 31.0 | 31.1 | 30.6 | 31.5 | 30.8 | 30.8 |
| Slovenia | 38.1 | 39.8 | 40.7 | 42.3 | 39.9 | 40.9 | 38.8 | 39.5 | 41.0 | 39.9 |
| Spain | 44.2 | 44.2 | 44.1 | 44.7 | 45.1 | 46.2 | 46.5 | 49.8 | 53.0 | 55.7 |
| Sweden | 64.2 | 65.0 | 65.9 | 67.7 | 69.0 | 70.8 | 70.8 | 72.8 | 74.9 | 76.4 |
| Switzerland | 75.7 | 76.1 | 76.4 | 76.7 | 78.0 | 78.9 | 79.2 | 79.5 | 81.4 | 81.8 |
| UK | 16.6 | 21.4 | 25.8 | 32.0 | 35.9 | 38.2 | 40.7 | 44.6 | 45.1 | 46.5 |
| Ukraine | 9.5 | 10.3 | 10.7 | 10.8 | 10.7 | 12.2 | 14.2 | 21.7 | 23.9 | 25.2 |
| European Union (27) | 69.3 | 70.4 | 71.2 | 72.4 | 73.2 | 74.2 | 75.1 | 76.3 | 78.0 | 79.6 |
| Middle East | 5.8 | 5.7 | 5.9 | 5.6 | 5.7 | 5.7 | 6.2 | 6.9 | 7.1 | 7.4 |
| Bahrain | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Iran IR | 14.3 | 14.8 | 15.0 | 14.0 | 14.1 | 14.4 | 14.3 | 14.3 | 14.0 | 13.8 |
| Iraq | 13.4 | 8.5 | 9.0 | 7.4 | 7.2 | 6.1 | 5.9 | 5.9 | 5.5 | 5.3 |
| Israel | 2.1 | 2.8 | 3.9 | 4.7 | 5.3 | 5.9 | 7.5 | 11.0 | 12.7 | 13.1 |
| Jordan | 0.5 | 0.5 | 0.4 | 3.5 | 12.0 | 14.5 | 19.2 | 27.2 | 33.3 | 33.9 |
| Kuwait | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.3 | 0.5 | 0.5 | 0.5 |
| Lebanon | 8.7 | 8.1 | 8.1 | 8.1 | 8.6 | 8.8 | 9.4 | 9.9 | 9.9 | 10.9 |
| Oman | | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.5 | 1.3 | 1.6 |
| Palestine | 0.4 | 0.4 | 2.1 | 7.0 | 13.5 | 18.1 | 20.1 | 33.9 | 42.3 | 42.3 |
| Qatar | 0.4 | 0.5 | 0.5 | 0.5 | 0.5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| Saudi Arabia | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.6 |
| Syrian AR | 10.4 | 10.4 | 15.6 | 17.3 | 15.5 | 15.4 | 14.9 | 14.9 | 14.8 | 14.8 |
| United Arab Em | 0.0 | 0.4 | 0.5 | 0.5 | 0.5 | 1.1 | 1.9 | 5.8 | 6.6 | 7.4 |
| Yemen | 0.1 | 0.2 | 0.3 | 3.8 | 5.0 | 6.2 | 14.1 | 13.4 | 13.4 | 12.7 |
| N America | 20.8 | 21.6 | 22.4 | 24.0 | 25.4 | 26.3 | 27.2 | 28.6 | 30.2 | 32.1 |
| Canada | 63.3 | 64.6 | 65.5 | 66.3 | 66.4 | 66.8 | 67.1 | 67.1 | 66.8 | 68.3 |
| Greenland | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 |
| Mexico | 23.1 | 23.7 | 25.1 | 25.7 | 26.2 | 26.2 | 27.6 | 31.4 | 31.4 | 32.6 |
| St Pierre Mq | 2.3 | 2.3 | | | | | | | | |
| USA | 15.4 | 16.0 | 16.8 | 18.2 | 19.8 | 20.9 | 21.9 | 23.3 | 25.3 | 27.5 |
| Oceania | 28.6 | 30.1 | 31.1 | 32.5 | 34.3 | 36.0 | 37.6 | 41.7 | 45.1 | 45.6 |
| Amer Samoa | 6.6 | 6.6 | 6.6 | 6.6 | 10.6 | 9.7 | 11.5 | 11.5 | 11.5 | 11.5 |
| Australia | 22.5 | 24.3 | 25.5 | 26.9 | 28.8 | 30.8 | 32.9 | 37.8 | 42.2 | 42.8 |
| Cook Is | 0.8 | 5.6 | 11.8 | 17.8 | 14.3 | 14.3 | 20.6 | 20.6 | 20.6 | 20.6 |
| Fiji | 62.6 | 61.3 | 61.3 | 55.8 | 56.1 | 57.8 | 58.1 | 55.2 | 55.2 | 56.1 |
| Fr Polynesia | 22.5 | 23.5 | 25.6 | 26.4 | 27.4 | 28.3 | 28.8 | 29.7 | 29.7 | 29.7 |
| Guam | 0.1 | 0.2 | 0.3 | 6.1 | 7.4 | 6.7 | 6.7 | 7.7 | 7.7 | 7.7 |
| Kiribati | 7.1 | 7.1 | 10.3 | 26.1 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 |
| Marshall Is | 1.6 | 2.2 | 3.4 | 3.4 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.3 |
| Micronesia | 1.8 | 2.2 | 4.4 | 4.4 | 6.2 | 6.2 | 12.2 | 12.3 | 12.3 | 12.3 |
| Nauru | 0.7 | 2.1 | 1.8 | 1.8 | 5.7 | 4.1 | 4.7 | 11.1 | 11.1 | 11.1 |
| New Caledon | 21.2 | 18.2 | 12.9 | 13.1 | 13.3 | 14.9 | 15.1 | 17.9 | 19.6 | 19.6 |
| New Zealand | 70.2 | 72.3 | 72.9 | 75.9 | 77.4 | 77.4 | 77.5 | 77.6 | 76.7 | 77.0 |
| Niue | 2.6 | 2.6 | 14.1 | 14.1 | 14.1 | 14.1 | 14.1 | 31.1 | 31.1 | 31.1 |
| Palau | 1.7 | 1.9 | 2.8 | 2.8 | 3.8 | 3.8 | 5.0 | 5.2 | 5.2 | 5.2 |
| Papua N Guin | 36.0 | 36.0 | 34.9 | 35.2 | 35.1 | 34.1 | 34.1 | 32.3 | 30.9 | 30.9 |
| Samoa | 26.7 | 22.2 | 28.4 | 31.0 | 34.5 | 45.7 | 45.8 | 47.3 | 47.9 | 47.9 |
| Solomon Is | 2.7 | 2.5 | 3.5 | 4.1 | 5.4 | 5.5 | 5.4 | 5.4 | 5.4 | 5.4 |
| Tokelau | 86.8 | 86.8 | 86.8 | 86.8 | 87.8 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 |
| Tonga | 8.3 | 11.7 | 8.6 | 14.0 | 16.4 | 26.7 | 26.8 | 30.5 | 30.5 | 30.0 |
| Tuvalu | 3.9 | 3.9 | 5.0 | 28.1 | 41.5 | 41.5 | 41.7 | 41.7 | 42.4 | 42.4 |
| Vanuatu | 22.6 | 22.7 | 25.7 | 25.9 | 28.8 | 30.0 | 35.5 | 34.1 | 34.2 | 34.2 |
| S America | 64.3 | 63.6 | 64.2 | 64.5 | 65.4 | 66.1 | 67.0 | 67.4 | 67.7 | 68.5 |
| Argentina | 32.8 | 33.0 | 32.4 | 31.2 | 30.9 | 29.3 | 29.4 | 31.5 | 33.1 | 34.6 |
| Bolivia | 30.2 | 29.5 | 27.9 | 26.3 | 27.3 | 31.6 | 35.7 | 30.1 | 30.3 | 31.3 |
| Brazil | 79.5 | 78.8 | 79.5 | 80.0 | 80.8 | 81.4 | 83.2 | 83.3 | 83.0 | 83.2 |
| Chile | 39.9 | 42.5 | 42.9 | 42.6 | 41.2 | 45.7 | 46.8 | 47.8 | 50.7 | 54.1 |
| Colombia | 68.1 | 68.1 | 70.5 | 70.0 | 70.0 | 70.2 | 68.7 | 68.6 | 68.9 | 67.9 |
| Ecuador | 43.4 | 43.4 | 42.6 | 43.3 | 56.4 | 58.6 | 60.8 | 60.8 | 60.8 | 60.3 |
| Falklands Malv | 26.0 | 26.0 | 26.0 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 | 23.9 |
| Fr Guiana | 58.1 | 58.2 | 54.2 | 53.2 | 50.6 | 47.7 | 47.8 | 48.2 | 47.6 | 47.6 |
| Guyana | 15.5 | 14.7 | 15.5 | 16.7 | 15.1 | 14.5 | 14.9 | 14.8 | 14.8 | 14.8 |
| Paraguay | 99.9 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 99.7 | 99.7 | 99.7 |
| Peru | 39.7 | 35.6 | 37.3 | 39.3 | 40.3 | 40.7 | 41.5 | 42.5 | 42.7 | 43.0 |
| South Georgia | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| Suriname | 43.4 | 37.7 | 35.9 | 36.1 | 36.1 | 35.9 | 36.1 | 36.1 | 35.7 | 33.2 |
| Uruguay | 63.0 | 61.2 | 65.7 | 71.9 | 83.0 | 81.7 | 75.8 | 75.8 | 75.9 | 75.9 |
| Venezuela | 52.9 | 49.3 | 48.9 | 48.8 | 50.8 | 50.7 | 50.4 | 49.6 | 49.6 | 49.6 |

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