

GTD Infrastructure Database, 2016 Ed 1, Contents of Spreadsheets

Analysis of GTD Infrastructure

Generating capacity MW

	1900	1950	1980	1981	>>>>>>	2029	2030
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New and Replacement capacity MW

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New and Replacement capacity MW

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New and Replacement capacity MW

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New and Replacement capacity MW

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	2016-20	2021-25	2026-30	2031-35	2036-40	2041-45	2046-50
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Grenada							
Guadeloupe							
Guatemala							
Guyana							

Haiti							
Honduras							
Jamaica							
Netherlands Antilles							
Aruba							
Nicaragua							
Panama							
Paraguay							
Peru							
Puerto Rico							
St. Lucia							
Suriname							
Trinidad & Tobago							
Uruguay							
Venezuela							
Latin America							
Canada							
USA							
Mexico							
North America							
Europe							
CIS							
Africa Mahgreb							
Sub-Saharan Africa							
Middle East							
Asia Pacific							
Latin America							
North America							
World							

New and Replacement capacity MW

	Replacement						
	2016-20	2021-25	2026-30	2031-35	2036-40	2041-45	2046-50
Albania							
Austria							
Belgium							
Bosnia Herzegovina							
Bulgaria							

Croatia							
Cyprus							
Czech Republic							
Denmark							
Estonia							
Finland							
France							
Germany							
Greece							
Hungary							
Iceland							
Ireland							
Italy							
Latvia							
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Netherlands							
Norway							
Poland							
Portugal							
Romania							
Serbia Montenegro							
Slovakia							
Slovenia							
Spain							
Sweden							
Switzerland							
Turkey							
United Kingdom							
Europe							
Armenia							
Azerbaijan							
Belarus							
Georgia							
Kazakhstan							
Kyrgyzstan							
Moldova							
Russia							
Tajikstan							
Turkmenistan							
Ukraine							
Uzbekistan							

CIS							
Algeria							
Egypt							
Libya							
Mauritania							
Morocco							
Sudan							
Tunisia							
North africa							
Angola							
Benin							
Botswana							
Burkina Faso							
Burundi							
Cameroon							
Cape Verde							
Cen. Af. Rep.							
Chad							
Comoros							
Congo							
Congo DR							
Cote d'Ivoire							
Djibouti							
Ethiopia							
Gabon							
Gambia							
Ghana							
Guinea							
Guinea Bissau							
Equat Guinea							
Kenya							
Lesotho							
Liberia							
Madagascar							
Malawi							
Mali							
Mauritius							
Mozambique							
Namibia							
Niger							
Nigeria							
Rwanda							
Sao Tome & Principe							
Senegal							

Seychelles							
Sierra Leone							
Somalia							
South Africa							
Swaziland							
Tanzania							
Togo							
Uganda							
Zambia							
Zimbabwe							
Sub-Saharan Africa							
Bahrain							
Iran							
Iraq							
Israel							
Jordan							
Kuwait							
Lebanon							
Oman							
Qatar							
Saudi Arabia							
Syria							
UAE							
Yemen							
Middle East							
Afghanistan							
Australia							
Bangladesh							
Bhutan							
Brunei							
Cambodia							
China							
Fiji							
Hong Kong							
India							
Indonesia							
Japan							
Korea North							
Korea South							
Laos							
Macau							
Malaysia							
Maldives							
Mongolia							

Myanmar							
Nepal							
New Zealand							
Pakistan							
Papua New Guinea							
Philippines							
Singapore							
Solomons							
Sri Lanka							
Taiwan							
Thailand							
Tonga							
Vanuatu							
Vietnam							
Asia Pacific							
Argentina							
Bahamas							
Barbados							
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Bermuda							
Bolivia							
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Chile							
Colombia							
Costa Rica							
Cuba							
Dom. Rep.							
Dominica							
Ecuador							
El Salvador							
French Guia.							
Grenada							
Guadeloupe							
Guatemala							
Guyana							
Haiti							
Honduras							
Jamaica							
Netherlands Antilles							
Aruba							
Nicaragua							
Panama							
Paraguay							
Peru							

Puerto Rico							
St. Lucia							
Suriname							
Trinidad & Tobago							
Uruguay							
Venezuela							
Latin America							
Canada							
USA							
Mexico							
North America							
Europe							
CIS							
Africa Mahgreb							
Sub-Saharan Africa							
Middle East							
Asia Pacific							
Latin America							
North America							
World							

New and Replacement capacity MW

	New and Replacement						
	2016-20	2021-25	2026-30	2031-35	2036-40	2041-45	2046-50
Albania							
Austria							
Belgium							
Bosnia Herzegovina							
Bulgaria							
Croatia							
Cyprus							
Czech Republic							
Denmark							
Estonia							
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Greece							

Hungary							
Iceland							
Ireland							
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Serbia Montenegro							
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Slovenia							
Spain							
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Switzerland							
Turkey							
United Kingdom							
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Armenia							
Azerbaijan							
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Georgia							
Kazakhstan							
Kyrgyzstan							
Moldova							
Russia							
Tajikstan							
Turkmenistan							
Ukraine							
Uzbekistan							
CIS							
Algeria							
Egypt							
Libya							
Mauritania							
Morocco							
Sudan							
Tunisia							
North africa							

Angola							
Benin							
Botswana							
Burkina Faso							
Burundi							
Cameroon							
Cape Verde							
Cen. Af. Rep.							
Chad							
Comoros							
Congo							
Congo DR							
Cote d'Ivoire							
Djibouti							
Ethiopia							
Gabon							
Gambia							
Ghana							
Guinea							
Guinea Bissau							
Equat Guinea							
Kenya							
Lesotho							
Liberia							
Madagascar							
Malawi							
Mali							
Mauritius							
Mozambique							
Namibia							
Niger							
Nigeria							
Rwanda							
Sao Tome & Principe							
Senegal							
Seychelles							
Sierra Leone							
Somalia							
South Africa							
Swaziland							
Tanzania							
Togo							
Uganda							
Zambia							

Zimbabwe							
Sub-Saharan Africa							
Bahrain							
Iran							
Iraq							
Israel							
Jordan							
Kuwait							
Lebanon							
Oman							
Qatar							
Saudi Arabia							
Syria							
UAE							
Yemen							
Middle East							
Afghanistan							
Australia							
Bangladesh							
Bhutan							
Brunei							
Cambodia							
China							
Fiji							
Hong Kong							
India							
Indonesia							
Japan							
Korea North							
Korea South							
Laos							
Macau							
Malaysia							
Maldives							
Mongolia							
Myanmar							
Nepal							
New Zealand							
Pakistan							
Papua New Guinea							
Philippines							
Singapore							
Solomons							
Sri Lanka							

Taiwan							
Thailand							
Tonga							
Vanuatu							
Vietnam							
Asia Pacific							
Argentina							
Bahamas							
Barbados							
Belize							
Bermuda							
Bolivia							
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Chile							
Colombia							
Costa Rica							
Cuba							
Dom. Rep.							
Dominica							
Ecuador							
El Salvador							
French Guia.							
Grenada							
Guadeloupe							
Guatemala							
Guyana							
Haiti							
Honduras							
Jamaica							
Netherlands Antilles							
Aruba							
Nicaragua							
Panama							
Paraguay							
Peru							
Puerto Rico							
St. Lucia							
Suriname							
Trinidad & Tobago							
Uruguay							
Venezuela							
Latin America							
Canada							
USA							

Mexico							
North America							
Europe							
CIS							
Africa Mahgreb							
Sub-Saharan Africa							
Middle East							
Asia Pacific							
Latin America							
North America							
World							

Generating capacity by fuel MW

	1990	>>>>>	2020		1990	2000	2010	2020	1990	2000	2010	2020
World		Annual										
Coal												
OIL												
Gas												
Multi fuel												
Hydro												
Nuclear												
Wind												
Solar Thermal												
Solar PV												
Biomass												
MSW & other waste												
Geothermal												
Ocean/tidal												
Other												
Total												
Europe												
Coal												
Oil												
Gas												
of which multi fuel												
Hydro												
Nuclear												
Wind												
Solar Thermal												
Solar PV												
Biomass												
MSW & other waste												
Geothermal												
Ocean/tidal												
Total												
CIS												
Coal												
Oil												
Gas												
Multi fuel												
Hydro												
Nuclear												
Wind												
Solar Thermal												
Solar PV												
Biomass												

MSW & other waste												
Geothermal												
Ocean/tidal												
Total												

Indian utilities' generating capacity 1947 -2015 by fuel

	Hydro	Coal	Gas	Diesel	Nuclear	RES	Total
1947							
1950							
1956							
1961							
1966							
1969							
1974							
1979							
1980							
1985							
1990							
1992							
1997							
2002							
2007							
2012							
2013							
2014							
2015							

Indian captive power plant generating capacity 1947 -2015 by fuel

	Hydro	Steam	Diesel	Gas	Railways	Total
1947						
1950						
1956						
1961						
1966						
1969						
1974						
1979						
1980						
1985						
1990						
1992						
1997						
2002						
2007						
2012						
2013						
2014						
2015						

Transmission lines km

	1900	1950	1980	1981	>>>>>>	2029	2030
Albania							
Austria							
Belgium							
Bosnia Herzegovina							
Bulgaria							
Croatia							
Cyprus							
Czech Republic							
Denmark							
Estonia							
Finland							
France							
Germany							
Greece							
Hungary							
Iceland							
Ireland							
Italy							
Latvia							
Lithuania							
Luxembourg							
Macedonia							
Malta							
Netherlands							
Norway							
Poland							
Portugal							
Romania							
Serbia Montenegro							
Slovakia							
Slovenia							
Spain							
Sweden							
Switzerland							
Turkey							
United Kingdom							
Europe							
Armenia							
Azerbaijan							
Belarus							
Georgia							
Kazakhstan							
Kyrgyzstan							
Moldova							
Russia							
Tajikstan							
Turkmenistan							
Ukraine							
Uzbekistan							

CIS									
Algeria									
Egypt									
Libya									
Mauritania									
Morocco									
Sudan									
Tunisia									
North Africa									
Angola									
Benin									
Botswana									
Burkina Faso									
Burundi									
Cameroon									
Cape Verde									
Cen. Af. Rep.									
Chad									
Comoros									
Congo									
Congo DR									
Cote d'Ivoire									
Djibouti									
Ethiopia									
Gabon									
Gambia									
Ghana									
Guinea									
Guinea Bissau									
Equatorial Guinea									
Kenya									
Lesotho									
Liberia									
Madagascar									
Malawi									
Mali									
Mauritius									
Mozambique									
Namibia									
Niger									
Nigeria									
Rwanda									
Sao Tome & Principe									
Senegal									
Seychelles									
Sierra Leone									
Somalia									
South Africa									
Swaziland									
Tanzania									
Togo									
Uganda									
Zambia									
Zimbabwe									
Sub-Saharan Africa									

Bahrain									
Iran									
Iraq									
Israel									
Jordan									
Kuwait									
Lebanon									
Oman									
Qatar									
Saudi Arabia									
Syria									
UAE									
Yemen									
Middle East									
Afghanistan									
Australia									
Bangladesh									
Bhutan									
Brunei									
Cambodia									
China									
Fiji									
Hong Kong									
India									
Indonesia									
Japan									
Korea North									
Korea South									
Laos									
Macau									
Malaysia									
Maldives									
Mongolia									
Myanmar									
Nepal									
New Zealand									
Pakistan									
Papua New Guinea									
Philippines									
Singapore									
Solomons									
Sri Lanka									
Taiwan									
Thailand									
Tonga									
Vanuatu									
Vietnam									
Asia Pacific									
Argentina									
Bahamas									
Barbados									
Belize									
Bermuda									
Bolivia									

Brazil									
Chile									
Colombia									
Costa Rica									
Cuba									
Dom. Rep.									
Dominica									
Ecuador									
El Salvador									
French Guiana									
Grenada									
Guadeloupe									
Guatemala									
Guyana									
Haiti									
Honduras									
Jamaica									
Netherlands Antilles									
Aruba									
Nicaragua									
Panama									
Paraguay									
Peru									
Puerto Rico									
St. Lucia									
Suriname									
Trinidad & Tobago									
Uruguay									
Venezuela									
Latin America									
Canada									
USA									
Mexico									
North America									
Europe									
CIS									
North Africa									
Sub-Saharan Africa									
Middle East									
Asia Pacific									
Latin America									
North America									
World									

New and Replacement transmission lines km

	New						
	2016-20	2021-25	2026-30	2031-35	2036-40	2041-45	2046-50
Albania							
Austria							
Belgium							
Bosnia Herzegovina							
Bulgaria							
Croatia							
Cyprus							
Czech Republic							
Denmark							
Estonia							
Finland							
France							
Germany							
Greece							
Hungary							
Iceland							
Ireland							
Italy							
Latvia							
Lithuania							
Luxembourg							
Macedonia							
Malta							
Netherlands							
Norway							
Poland							
Portugal							
Romania							
Serbia Montenegro							
Slovakia							
Slovenia							
Spain							
Sweden							
Switzerland							
Turkey							
United Kingdom							
Europe							
Armenia							
Azerbaijan							
Belarus							

Georgia							
Kazakhstan							
Kyrgyzstan							
Moldova							
Russia							
Tajikstan							
Turkmenistan							
Ukraine							
Uzbekistan							
CIS							
Algeria							
Egypt							
Libya							
Mauritania							
Morocco							
Sudan							
Tunisia							
North africa							
Angola							
Benin							
Botswana							
Burkina Faso							
Burundi							
Cameroon							
Cape Verde							
Cen. Af. Rep.							
Chad							
Comoros							
Congo							
Congo DR							
Cote d'Ivoire							
Djibouti							
Ethiopia							
Gabon							
Gambia							
Ghana							
Guinea							
Guinea Bissau							
Equat Guinea							
Kenya							
Lesotho							
Liberia							
Madagascar							
Malawi							

Mali							
Mauritius							
Mozambique							
Namibia							
Niger							
Nigeria							
Rwanda							
Sao Tome & Principe							
Senegal							
Seychelles							
Sierra Leone							
Somalia							
South Africa							
Swaziland							
Tanzania							
Togo							
Uganda							
Zambia							
Zimbabwe							
Sub-Saharan Africa							
Bahrain							
Iran							
Iraq							
Israel							
Jordan							
Kuwait							
Lebanon							
Oman							
Qatar							
Saudi Arabia							
Syria							
UAE							
Yemen							
Middle East							
Afghanistan							
Australia							
Bangladesh							
Bhutan							
Brunei							
Cambodia							
China							
Fiji							
Hong Kong							
India							

Indonesia							
Japan							
Korea North							
Korea South							
Laos							
Macau							
Malaysia							
Maldives							
Mongolia							
Myanmar							
Nepal							
New Zealand							
Pakistan							
Papua New Guinea							
Philippines							
Singapore							
Solomons							
Sri Lanka							
Taiwan							
Thailand							
Tonga							
Vanuatu							
Vietnam							
Asia Pacifc							
Argentina							
Bahamas							
Barbados							
Belize							
Bermuda							
Bolivia							
Brazil							
Chile							
Colombia							
Costa Rica							
Cuba							
Dom. Rep.							
Dominica							
Ecuador							
El Salvador							
French Guia.							
Grenada							
Guadeloupe							
Guatemala							
Guyana							

Haiti							
Honduras							
Jamaica							
Netherlands Antilles							
Aruba							
Nicaragua							
Panama							
Paraguay							
Peru							
Puerto Rico							
St. Lucia							
Suriname							
Trinidad & Tobago							
Uruguay							
Venezuela							
Latin America							
Canada							
USA							
Mexico							
North America							
Europe							
CIS							
Africa Mahgreb							
Sub-Saharan Africa							
Middle East							
Asia Pacific							
Latin America							
North America							
World							

New and Replacement transmission lines km

	Replacement						
	2016-20	2021-25	2026-30	2031-35	2036-40	2041-45	2046-50
Albania							
Austria							
Belgium							
Bosnia Herzegovina							
Bulgaria							

Croatia							
Cyprus							
Czech Republic							
Denmark							
Estonia							
Finland							
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Germany							
Greece							
Hungary							
Iceland							
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Netherlands							
Norway							
Poland							
Portugal							
Romania							
Serbia Montenegro							
Slovakia							
Slovenia							
Spain							
Sweden							
Switzerland							
Turkey							
United Kingdom							
Europe							
Armenia							
Azerbaijan							
Belarus							
Georgia							
Kazakhstan							
Kyrgyzstan							
Moldova							
Russia							
Tajikstan							
Turkmenistan							
Ukraine							
Uzbekistan							

CIS							
Algeria							
Egypt							
Libya							
Mauritania							
Morocco							
Sudan							
Tunisia							
North africa							
Angola							
Benin							
Botswana							
Burkina Faso							
Burundi							
Cameroon							
Cape Verde							
Cen. Af. Rep.							
Chad							
Comoros							
Congo							
Congo DR							
Cote d'Ivoire							
Djibouti							
Ethiopia							
Gabon							
Gambia							
Ghana							
Guinea							
Guinea Bissau							
Equat Guinea							
Kenya							
Lesotho							
Liberia							
Madagascar							
Malawi							
Mali							
Mauritius							
Mozambique							
Namibia							
Niger							
Nigeria							
Rwanda							
Sao Tome & Principe							
Senegal							

Seychelles							
Sierra Leone							
Somalia							
South Africa							
Swaziland							
Tanzania							
Togo							
Uganda							
Zambia							
Zimbabwe							
Sub-Saharan Africa							
Bahrain							
Iran							
Iraq							
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Jordan							
Kuwait							
Lebanon							
Oman							
Qatar							
Saudi Arabia							
Syria							
UAE							
Yemen							
Middle East							
Afghanistan							
Australia							
Bangladesh							
Bhutan							
Brunei							
Cambodia							
China							
Fiji							
Hong Kong							
India							
Indonesia							
Japan							
Korea North							
Korea South							
Laos							
Macau							
Malaysia							
Maldives							
Mongolia							

Myanmar							
Nepal							
New Zealand							
Pakistan							
Papua New Guinea							
Philippines							
Singapore							
Solomons							
Sri Lanka							
Taiwan							
Thailand							
Tonga							
Vanuatu							
Vietnam							
Asia Pacific							
Argentina							
Bahamas							
Barbados							
Belize							
Bermuda							
Bolivia							
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Chile							
Colombia							
Costa Rica							
Cuba							
Dom. Rep.							
Dominica							
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El Salvador							
French Guia.							
Grenada							
Guadeloupe							
Guatemala							
Guyana							
Haiti							
Honduras							
Jamaica							
Netherlands Antilles							
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Panama							
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Puerto Rico							
St. Lucia							
Suriname							
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Uruguay							
Venezuela							
Latin America							
Canada							
USA							
Mexico							
North America							
Europe							
CIS							
Africa Mahgreb							
Sub-Saharan Africa							
Middle East							
Asia Pacific							
Latin America							
North America							
World							

New and Replacement transmission lines km

	New and Replacement						
	2016-20	2021-25	2026-30	2031-35	2036-40	2041-45	2046-50
Albania							
Austria							
Belgium							
Bosnia Herzegovina							
Bulgaria							
Croatia							
Cyprus							
Czech Republic							
Denmark							
Estonia							
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Portugal							
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Serbia Montenegro							
Slovakia							
Slovenia							
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Sweden							
Switzerland							
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United Kingdom							
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Armenia							
Azerbaijan							
Belarus							
Georgia							
Kazakhstan							
Kyrgyzstan							
Moldova							
Russia							
Tajikstan							
Turkmenistan							
Ukraine							
Uzbekistan							
CIS							
Algeria							
Egypt							
Libya							
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Tunisia							
North africa							

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Zimbabwe							
Sub-Saharan Africa							
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Saudi Arabia							
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Korea South							
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Peru							
Puerto Rico							
St. Lucia							
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Uruguay							
Venezuela							
Latin America							
Canada							
USA							

Mexico							
North America							
Europe							
CIS							
Africa Mahgreb							
Sub-Saharan Africa							
Middle East							
Asia Pacific							
Latin America							
North America							
World							

Distributionion lines km

	1900	1950	1980	1981	>>>>>>	2029	2030
Albania							
Austria							
Belgium							
Bosnia Herzegovina							
Bulgaria							
Croatia							
Cyprus							
Czech Republic							
Denmark							
Estonia							
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Serbia Montenegro							
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Spain							
Sweden							
Switzerland							
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Kazakhstan							
Kyrgyzstan							
Moldova							
Russia							
Tajikstan							
Turkmenistan							
Ukraine							
Uzbekistan							
CIS							
Algeria							

Egypt									
Libya									
Mauritania									
Morocco									
Sudan									
Tunisia									
North Africa									
Angola									
Benin									
Botswana									
Burkina Faso									
Burundi									
Cameroon									
Cape Verde									
Cen. Af. Rep.									
Chad									
Comoros									
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Congo DR									
Cote d'Ivoire									
Djibouti									
Ethiopia									
Gabon									
Gambia									
Ghana									
Guinea									
Guinea Bissau									
Equatorial Guinea									
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Lesotho									
Liberia									
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Nigeria									
Rwanda									
Sao Tome & Principe									
Senegal									
Seychelles									
Sierra Leone									
Somalia									
South Africa									
Swaziland									
Tanzania									
Togo									
Uganda									
Zambia									
Zimbabwe									
Sub-Saharan Africa									
Bahrain									
Iran									

Iraq									
Israel									
Jordan									
Kuwait									
Lebanon									
Oman									
Qatar									
Saudi Arabia									
Syria									
UAE									
Yemen									
Middle East									
Afghanistan									
Australia									
Bangladesh									
Bhutan									
Brunei									
Cambodia									
China									
Fiji									
Hong Kong									
India									
Indonesia									
Japan									
Korea North									
Korea South									
Laos									
Macau									
Malaysia									
Maldives									
Mongolia									
Myanmar									
Nepal									
New Zealand									
Pakistan									
Papua New Guinea									
Philippines									
Singapore									
Solomons									
Sri Lanka									
Taiwan									
Thailand									
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Vanuatu									
Vietnam									
Asia Pacific									
Argentina									
Bahamas									
Barbados									
Belize									
Bermuda									
Bolivia									
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Chile									

Colombia									
Costa Rica									
Cuba									
Dom. Rep.									
Dominica									
Ecuador									
El Salvador									
French Guiana									
Grenada									
Guadeloupe									
Guatemala									
Guyana									
Haiti									
Honduras									
Jamaica									
Netherlands Antilles									
Aruba									
Nicaragua									
Panama									
Paraguay									
Peru									
Puerto Rico									
St. Lucia									
Suriname									
Trinidad & Tobago									
Uruguay									
Venezuela									
Latin America									
Canada									
USA									
Mexico									
North America									
Europe									
CIS									
North Africa									
Sub-Saharan Africa									
Middle East									
Asia Pacific									
Latin America									
North America									
World									

New and Replacement distribution lines km

	New						
	2016-20	2021-25	2026-30	2031-35	2036-40	2041-45	2046-50
Albania							
Austria							
Belgium							
Bosnia Herzegovina							
Bulgaria							
Croatia							
Cyprus							
Czech Republic							
Denmark							
Estonia							
Finland							
France							
Germany							
Greece							
Hungary							
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Ireland							
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Slovakia							
Slovenia							
Spain							
Sweden							
Switzerland							
Turkey							
United Kingdom							
Europe							
Armenia							
Azerbaijan							
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Georgia							
Kazakhstan							
Kyrgyzstan							
Moldova							
Russia							
Tajikstan							
Turkmenistan							
Ukraine							
Uzbekistan							
CIS							
Algeria							
Egypt							
Libya							
Mauritania							
Morocco							
Sudan							
Tunisia							
North africa							
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Botswana							
Burkina Faso							
Burundi							
Cameroon							
Cape Verde							
Cen. Af. Rep.							
Chad							
Comoros							
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Congo DR							
Cote d'Ivoire							
Djibouti							
Ethiopia							
Gabon							
Gambia							
Ghana							
Guinea							
Guinea Bissau							
Equat Guinea							
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Liberia							
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Niger							
Nigeria							
Rwanda							
Sao Tome & Principe							
Senegal							
Seychelles							
Sierra Leone							
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South Africa							
Swaziland							
Tanzania							
Togo							
Uganda							
Zambia							
Zimbabwe							
Sub-Saharan Africa							
Bahrain							
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Iraq							
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Jordan							
Kuwait							
Lebanon							
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Qatar							
Saudi Arabia							
Syria							
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Yemen							
Middle East							
Afghanistan							
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Bangladesh							
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Fiji							
Hong Kong							
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Indonesia							
Japan							
Korea North							
Korea South							
Laos							
Macau							
Malaysia							
Maldives							
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Myanmar							
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New Zealand							
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Papua New Guinea							
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Venezuela							
Latin America							
Canada							
USA							
Mexico							
North America							
Europe							
CIS							
Africa Mahgreb							
Sub-Saharan Africa							
Middle East							
Asia Pacific							
Latin America							
North America							
World							

New and Replacement distribution lines km

	Replacement						
	2016-20	2021-25	2026-30	2031-35	2036-40	2041-45	2046-50
Albania							
Austria							
Belgium							
Bosnia Herzegovina							
Bulgaria							

Croatia							
Cyprus							
Czech Republic							
Denmark							
Estonia							
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Switzerland							
Turkey							
United Kingdom							
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Armenia							
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Belarus							
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Kazakhstan							
Kyrgyzstan							
Moldova							
Russia							
Tajikstan							
Turkmenistan							
Ukraine							
Uzbekistan							

CIS							
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Morocco							
Sudan							
Tunisia							
North africa							
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Benin							
Botswana							
Burkina Faso							
Burundi							
Cameroon							
Cape Verde							
Cen. Af. Rep.							
Chad							
Comoros							
Congo							
Congo DR							
Cote d'Ivoire							
Djibouti							
Ethiopia							
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Gambia							
Ghana							
Guinea							
Guinea Bissau							
Equat Guinea							
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Lesotho							
Liberia							
Madagascar							
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Mali							
Mauritius							
Mozambique							
Namibia							
Niger							
Nigeria							
Rwanda							
Sao Tome & Principe							
Senegal							

Seychelles							
Sierra Leone							
Somalia							
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Zimbabwe							
Sub-Saharan Africa							
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Saudi Arabia							
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Korea South							
Laos							
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CIS							
Africa Mahgreb							
Sub-Saharan Africa							
Middle East							
Asia Pacific							
Latin America							
North America							
World							

New and Replacement distribution lines km

	New and Replacement						
	2016-20	2021-25	2026-30	2031-35	2036-40	2041-45	2046-50
Albania							
Austria							
Belgium							
Bosnia Herzegovina							
Bulgaria							
Croatia							
Cyprus							
Czech Republic							
Denmark							
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Switzerland							
Turkey							
United Kingdom							
Europe							
Armenia							
Azerbaijan							
Belarus							
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Kazakhstan							
Kyrgyzstan							
Moldova							
Russia							
Tajikstan							
Turkmenistan							
Ukraine							
Uzbekistan							
CIS							
Algeria							
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Mauritania							
Morocco							
Sudan							
Tunisia							
North africa							

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Botswana							
Burkina Faso							
Burundi							
Cameroon							
Cape Verde							
Cen. Af. Rep.							
Chad							
Comoros							
Congo							
Congo DR							
Cote d'Ivoire							
Djibouti							
Ethiopia							
Gabon							
Gambia							
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Guinea Bissau							
Equat Guinea							
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Rwanda							
Sao Tome & Principe							
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Seychelles							
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Sub-Saharan Africa							
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Hong Kong							
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Indonesia							
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Korea North							
Korea South							
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Latin America							
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USA							

Mexico							
North America							
Europe							
CIS							
Africa Mahgreb							
Sub-Saharan Africa							
Middle East							
Asia Pacific							
Latin America							
North America							
World							

Transmission and distribution lines by voltage

Global transmission lines by voltage, km, 2014						
	330 kV >	200-329 kV	90-199 kV	35-89 kV	Subsea	Total
Europe						
CIS						
Middle East						
North Africa						
Sub-S. Africa						
Asia						
Pacific						
LAC						
North America						
World						
Global distribution lines by voltage, km, 2014						
	MV OH	MV UG	LV OH	LV UG	Subsea	Total
Europe						
CIS						
Middle East						
North Africa						
Sub-Saharan Africa						
Asia						
Pacific						
LAC						

North America						
World						

Ownership of assets in the power sector by owner type							
	State-owned	Privately-owned	Captive generators	Captive generators	Consumers	Generators & distributors	Distributors
Generation							
Transmission							
Distribution							
Source: IEA and StatPlan Research							

The world's electrical utility landscape						
	Dominant gencos	Transcos	Discos	Dominant utilities	Transco	Ownership
EUROPE						
Albania	1	1	1	KESH	KESH	Mixed
Austria	6	1	130	Verbund	APG-Austrian Power Grid	Mixed
Belgium	2	1	26	Electrebel	Elia	Private
Bosnia and Herzegovina	3	1	5	BIH	Nezavisni operator sustava uBiH	State
Bulgaria	7	1	7	BEH, NEK EAD	Electroenegie n Sistemen Operator	Mixed
Croatia	1	1	1	HEP	HEP Operator prijenosnog	State
Cyprus	1	1	1	EAC	Cyprus TSO	State
Czech Republic	1	1	3	CEZ	CEPs	Mixed
Denmark	2	1	89	NESA	Energinet	Mixed
Estonia						
Finland						
All countries						