

Electricity generation dashboard

by Andrii Kern

About what this app?

This application shows electricity generation in the world. Energy is one of the most important things in our life that's why I decided to choose this dataset.

The dashboard is divided into 3 tabs with data. Each tab has filters and 2 tabs - graph and table. Filters has callback with graph and table.

Electricity generation by countries

This tab compares general generation in different countries. You can choose few countries and period you want to see.

Electricity generation dashboard

Electricity generation by countries

Electricity generation by source of energy

Electricity generation per capita

About

Select period



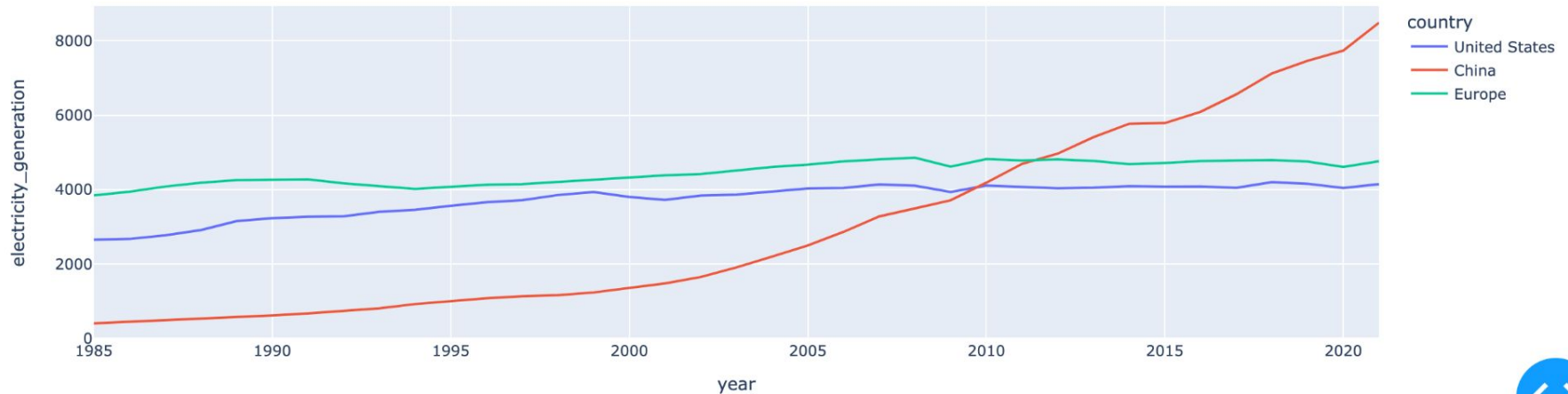
Chose country

x United States x China x Europe

Graph

Table

Electricity generation, TWh



Electricity generation dashboard

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About

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Chose country

x United States x China x Europe

Graph

Table

Year	United States	China	Europe
1985	2657.1	410.7	3843.8
1986	2676.1	449.5	3943.8
1987	2772.2	497.3	4084.4
1988	2914.4	545.2	4185.1
1989	3155.4	584.8	4255
1990	3232.8	621.2	4275.9
1991	3270.7	677.5	4276.6
1992	3284.4	753.9	4168.9
1993	3404.7	811.6	4090.6
1994	3458.5	927.8	4021.6
1995	3567.3	1007	4078.1
1996	3663.4	1081.3	4130.2
1997	3716.4	1135.6	4170.2
1998	3855.8	1167	4200.2
1999	3936.1	1239.3	4266.3

Electricity generation by source of energy

This tab shows source of energy in a specific country. You can see how many energy were from nuclear, coal etc.

Electricity generation dashboard

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Select period

Chose country

Chose fuel type



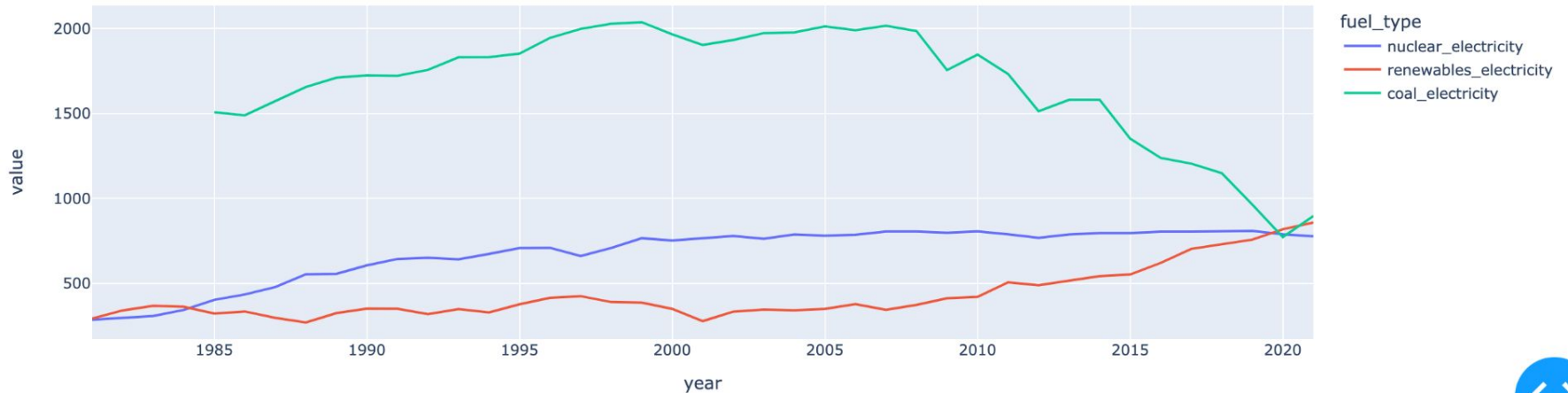
United States

× Coal × Nuclear × Renewable sources

Graph

Table

Electricity generation by fuel, TWh



Electricity generation dashboard

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Select period

Chose country

Chose fuel type



United States



x Nuclear

x Renewable sources



Graph

Table

Year	Nuclear	Renewable sources
1965	3.8	212.3
1966	5.8	214
1967	8.1	241.3
1968	13.2	243.7
1969	14.7	272.3
1970	23	269.7
1971	40.1	288.8
1972	56.9	297.4
1973	87.9	298.2
1974	120	327.7
1975	181.6	326
1976	201.2	312.4
1977	264.1	311.7
1978	291	311.7
1979	268.6	311.7



Electricity generation per capita

This tab compares electricity generation per capita in different countries. You can also choose few countries and period you want to see.

Electricity generation dashboard

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Select period



Graph

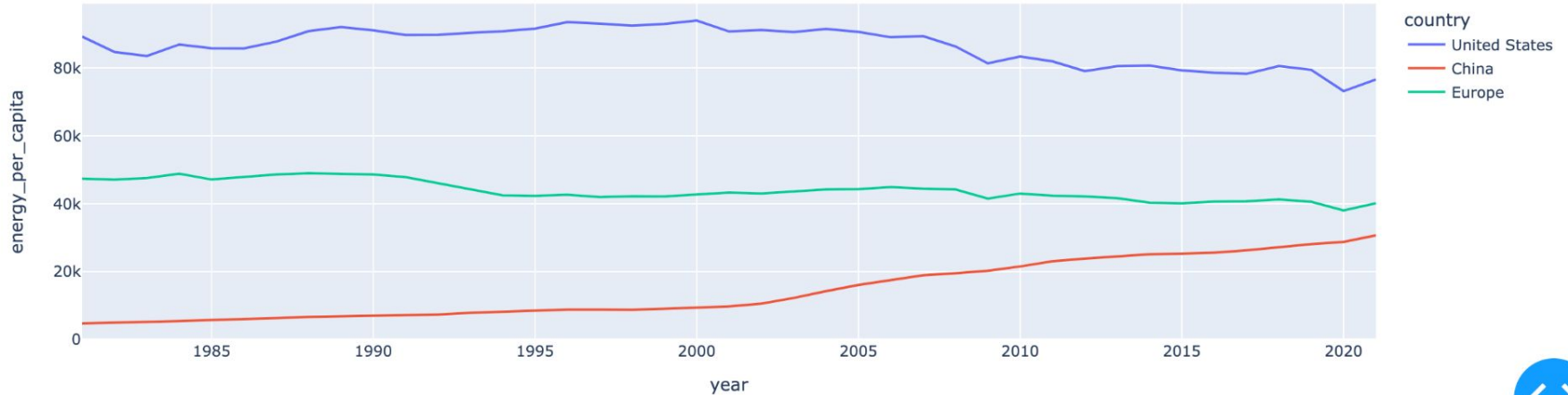
Table

Chose country

☐ United States ☐ China ☐ Europe



Electricity generation per capita, KWh



Electricity generation dashboard

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Select period



Chose country

[Graph](#)[Table](#)

Year	United States	China	Europe
1965	76117.3	2122.3	30301.6
1966	79483.3	2246.9	31318.6
1967	81424	1972.5	32241
1968	85414.8	1943.6	33788.5
1969	88868.3	2302.4	35653.9
1970	90880	2871.2	37587.5
1971	91613	3320.5	38647.1
1972	95080.1	3498.7	40263.5
1973	98110.7	3614.7	42197
1974	94814.6	3654.5	42414.1
1975	91442.5	4021.8	42659.7
1976	95543.2	4169.3	44516.8
1977	96991.7	4482.5	45516.8
1978	98031.7	4849.6	47016.8
1979	97904.8	4928	48491

Thank you!