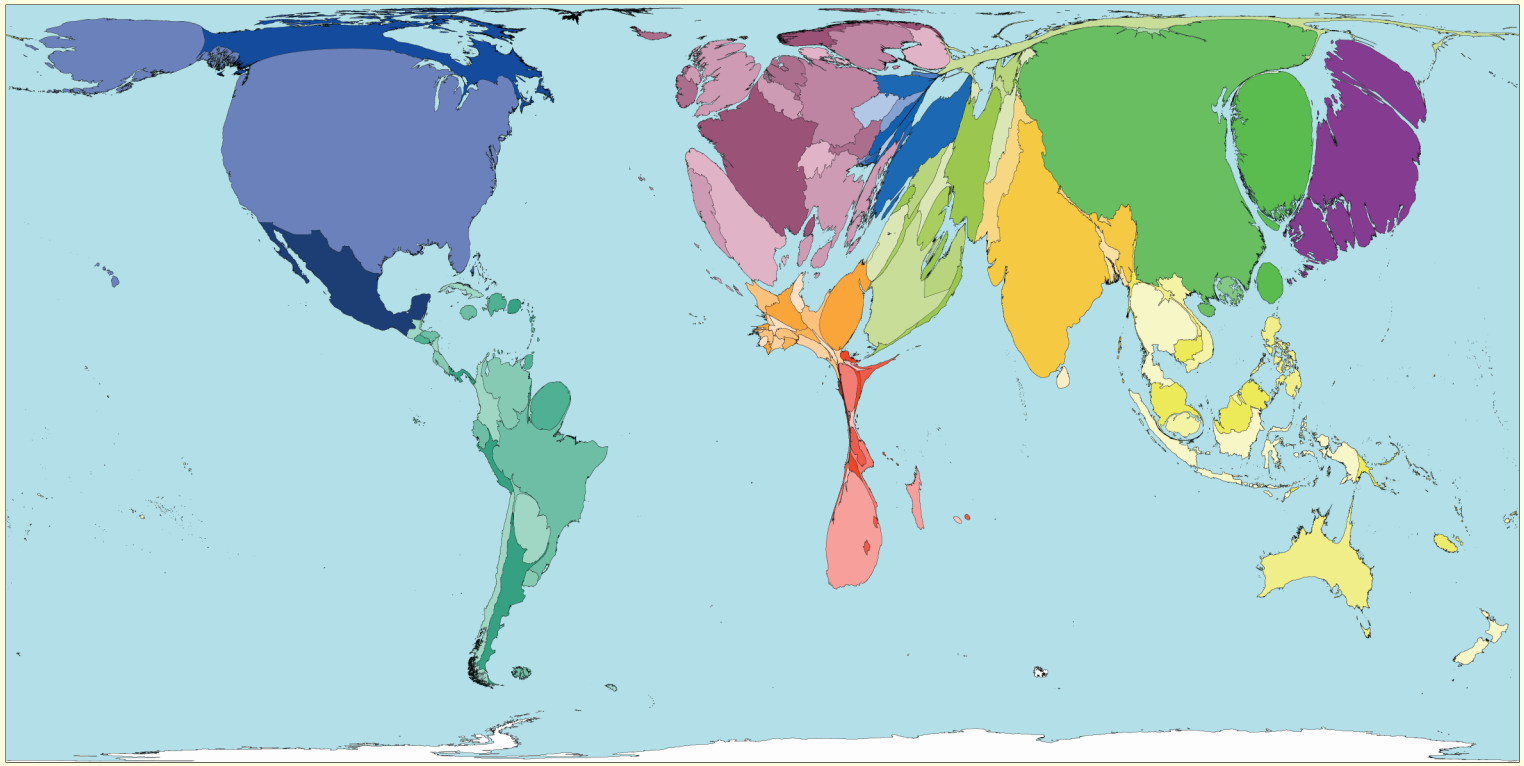
# Electricity Increase

The University Of Sheffield. The Leverhulme Trust Geographical Association
Produced by the SASI group (Sheffield) and Mark Newman (Michigan)

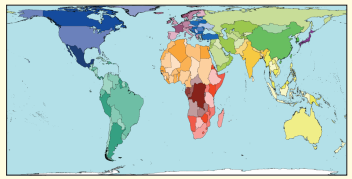


Increases in the quantity of electricity produced occurred in 187 of the 200 territories mapped here from 1980 to 2000. Of the 13 territories where electricity production decreased over this period, more than half were in Eastern Europe.

The biggest increases in electricity production have been in the United States and China. The total increases in each of these territories are twice as large as the increases in any other territory.

The total energy produced in the world has doubled over three decades. Per person, production has not increased as much, because the population has increased over time.

Territory size is proportional to the percentage increase in world electricity production that occurred there (1980-2001).



*Land area*

**Technical notes**

- Data are from the World Bank's World Development Indicators.
- *There was a decrease in electricity generation between 1980 and 2001 in 13 territories.
- *The regional average for Central Africa was used for all territories ranked 178 in the table.
- See website for further information.

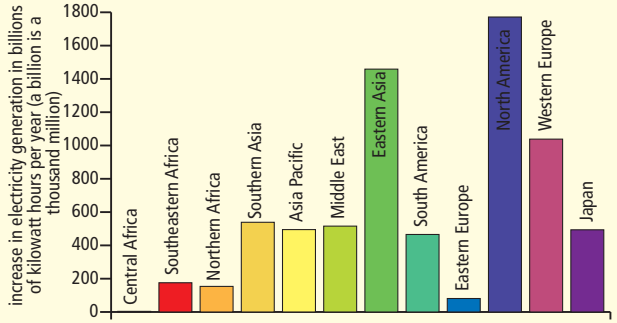
**LARGEST AND SMALLEST INCREASE IN ELECTRICITY GENERATION**

| Rank | Territory | Value |
|---|---|---|
| 1 | Iceland | 16163 |
| 2 | Qatar | 12400 |
| 3 | United Arab Emirates | 11801 |
| 4 | Kuwait | 10199 |
| 5 | Norway | 7870 |
| 6 | Paraguay | 7816 |
| 7 | Brunei Darussalam | 7457 |
| 8 | Sweden | 7335 |
| 9 | Bahrain | 7313 |
| 10 | Canada | 6913 |

| Rank | Territory | Value |
|---|---|---|
| 178 | Burundi | 38.2 |
| 178 | Central African Republic | 38.2 |
| 178 | Rwanda | 38.2 |
| 178 | Sao Tome and Principe | 38.2 |
| 178 | Equatorial Guinea | 38.2 |
| 183 | Haiti | 34.1 |
| 184 | Democratic Rep Congo | 25.4 |
| 185 | Ethiopia | 19.2 |
| 186 | Benin | 8.5 |
| 187 | Togo | 6.9 |

*increase in electricity generated in kilowatt hours per person per year (1980-2001)**

**ELECTRICITY GENERATION INCREASE (1980-2001)**




*"Power demand in South Korea has increased by more than 9% per year since 1990 …"*

Uranium Information Centre Ltd., 2006

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