

**PIENAAR ENERGY (PTY) LTD**

# **Luxembourg electricity generation**



**51.2V 300AH**

## Overview

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By 2021, renewable energy produced 80% of electricity generated in Luxembourg, comprising wind power at 26%, solar power at 17%, hydro power at 8%, and other renewables (bioenergy, etc) at 29%. Among the domestic sources, low-carbon energy plays a significant role, contributing to over a quarter of the electricity generated within the. Energy in Luxembourg describes energy and electricity production, consumption and import in Luxembourg. Primary energy use in Luxembourg was 48 TWh in 2009, or 98 TWh per million inhabitants. It represents all the energy required to supply end users in the country. Some of these energy sources are used directly while most are transformed into fuels or. From dependence on imports to the rise of solar power and contrasting trends in tariffs, the Luxembourg Regulatory Institute (ILR) has drawn up a nuanced picture of the electricity sector in Luxembourg in 2024. If a country imports more than it exports, it has a positive net import.

## Luxembourg electricity generation

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### Energieaauer: key energy figures for Luxembourg

The visualisation shows the share of the various energy sources in the production of electricity fed into the grid in Luxembourg. Imports and exports, as well as self-consumed production, are not taken into ...

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## Luxembourg Energy Information

- Luxembourg's Energy Supply & Demand: Luxembourg heavily relies on energy imports, with 97% of electricity imported and 80% of production from renewables. Primary energy consumption has ...



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### 12.8V 100Ah



### Demand for gas and electricity in Luxembourg is growing

The vast majority of electricity (76%) was imported, while 24% was domestically generated. National generation totalled 1,511 GW?h, with wind power remaining the main source (467 ...

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## Electricity sector in Luxembourg

Luxembourg is the EU country with the second smallest forecast penetration of renewables, with the NREAP assuming that only 12% of electricity consumption will be met by renewables in 2020.

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## Luxembourg Electricity: Supply, Transformation and Consumption

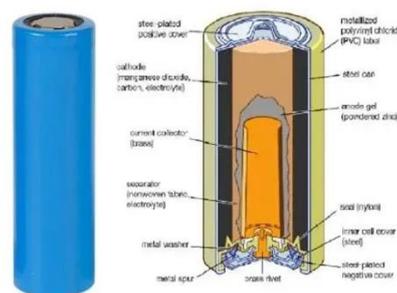
Discover data on Electricity: Supply, Transformation and Consumption in Luxembourg. Explore expert forecasts and historical data on economic indicators across 195+ countries.

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## Eight figures to understand the energy sector in Luxembourg

From dependence on imports to the rise of solar power and contrasting trends in tariffs, the Luxembourg Regulatory Institute (ILR) has drawn up a nuanced picture of the electricity sector in Luxembourg in ...

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## Energy in Luxembourg

By 2021, renewable energy produced



80% of electricity generated in Luxembourg, comprising wind power at 26%, solar power at 17%, hydro power at 8%, and other renewables (bioenergy, etc) at 29%. Luxembourg firms are less likely than those throughout the EU to invest in onsite/offsite renewable energy generation (26% versus 41%) and energy efficiency ...

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## Luxembourg Electricity Generation Mix 2025

Luxembourg's electricity mix includes 10% Wind, 9% Solar and 7% Biofuels. Low-carbon generation peaked in 2024.

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