Brazil hydroelectric and gas-fired generation
Selected indicators

JOHN KEMP
REUTERS
9 February 2024
Brazil natural gas imports, 2000-2023
billion cubic metres, accumulated each year from January to December

Source: Agencia Nacional do Petroleo, Gas Natural e Biocombustiveis
@JKempEnergy
Brazil gas imports, 2019-2022
billion cubic metres, annual

2019: 6.4
2020: 6.2
2021: 7.0
2022: 6.1

Source: Statistical Review of World Energy (Energy Institute and BP)
Brazil gas imports, 2000-2022
annual, billion cubic metres

Source: Statistical Review of World Energy (Energy Institute)  @JKempEnergy
Brazil total electricity generation, 2018-2023
billion kilowatt-hours, annual, all sources

<table>
<thead>
<tr>
<th>Year</th>
<th>Generation (Billion kWh)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>554</td>
</tr>
<tr>
<td>2019</td>
<td>567</td>
</tr>
<tr>
<td>2020</td>
<td>559</td>
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<tr>
<td>2021</td>
<td>603</td>
</tr>
<tr>
<td>2022</td>
<td>622</td>
</tr>
<tr>
<td>2023</td>
<td>660</td>
</tr>
</tbody>
</table>

Source: Ember Electricity Data Explorer
Brazil electricity generation, 2018-2023
billion kilowatt-hours, annual, selected generation sources

<table>
<thead>
<tr>
<th>Year</th>
<th>Fossil Energy</th>
<th>Hydro</th>
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</thead>
<tbody>
<tr>
<td>2018</td>
<td>72</td>
<td>408</td>
</tr>
<tr>
<td>2019</td>
<td>72</td>
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<td>2020</td>
<td>66</td>
<td>404</td>
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<tr>
<td>2021</td>
<td>120</td>
<td>373</td>
</tr>
<tr>
<td>2022</td>
<td>55</td>
<td>438</td>
</tr>
<tr>
<td>2023</td>
<td>50</td>
<td>442</td>
</tr>
</tbody>
</table>

Source: Ember Electricity Data Explorer
@JKempEnergy
Brazil electricity generation, 2018-2023
billion kilowatt-hours, annual, selected generation sources

Source: Ember Electricity Data Explorer
Brazil electricity generation, 2010-2022
billion kilowatt-hours, annual, distribution of sources

Source: Energy Institute Statistical Review of World Energy

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Brazil hydroelectric generation, 2010-2023
billion kilowatt-hours, cumulative each year from January to December

Source: Operador Nacional do Sistema Eletrico

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Brazil gas-fired generation, 2010-2023
billion kilowatt-hours, cumulative each year from January to December

Source: Operador Nacional do Sistema Eletrico
Brazil hydro electricity generation, 2019-2023

billion kilowatt-hours, monthly

Source: Operador Nacional do Sistema Eletrico

@JKempEnergy
Brazil gas-fired electricity generation, 2019-2023
billion kilowatt-hours, monthly

Source: Operador Nacional do Sistema Eletrico
@JKeempEnergy
Brazil electricity generation, 2010-2023
billion kilowatt-hours, monthly

Source: Operador Nacional do Sistema Eletrico
@JKempEnergy
Brazil energy stored in hydroelectric reservoirs
billion kilowatt-hours, Southeast/Midwest subsystem, each year in February

Source: Operador Nacional do Sistema Eletrico
@JKempEnergy
Brazil energy stored in hydroelectric reservoirs
billion kWh, Southeast/Midwest subsystem, monthly and 12-month centred average

Source: Operador Nacional do Sistema Eletrico

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