

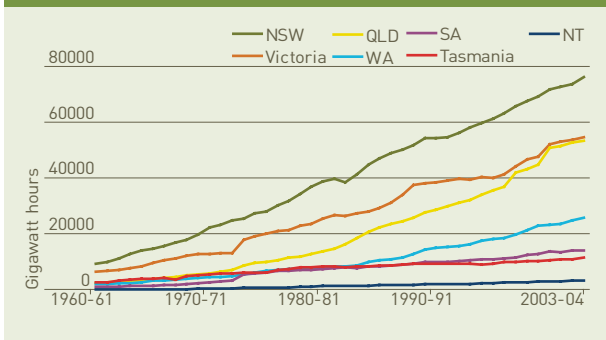
Energy - supply, consumption and impacts

Energy consumption

Energy consumption increased steadily between 1960-61 and 2003-04 across Australia. Victoria and New South Wales are the top two consumers, followed by Queensland, which has a smaller but rapidly growing population.

1 Comparison of energy consumption

By state, 1960-61 to 2003-04

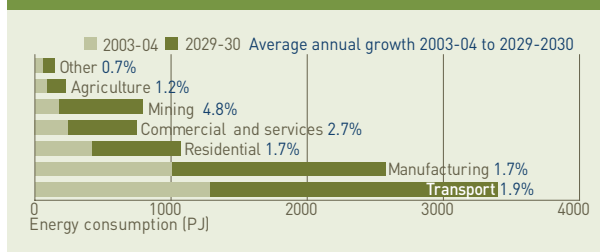


Current and future energy consumption

The breakdown of energy use by sector in Graph 2 below shows transport and manufacturing as the highest consumers, followed by residential and commercial uses. Energy use is projected to increase significantly across all sectors. Across Australia non-essential use of energy in the home, such as electrical equipment on standby, costs approximately \$186 million annually [Australia Institute, March, 2005].

2 Growth in end use energy consumption by sector

Australia 2003-04 and projected for 2029-30

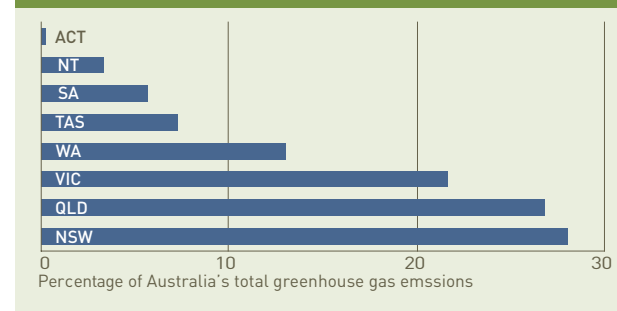


National greenhouse gas emissions

Victoria's greenhouse gas emissions, chiefly comprised of carbon dioxide, make up 22% of Australia's overall emissions, behind those of New South Wales and Queensland. Victoria's emissions were less than its share of Australia's population in 2001, at 24.8%.

3 State and territory contribution to greenhouse gas emissions

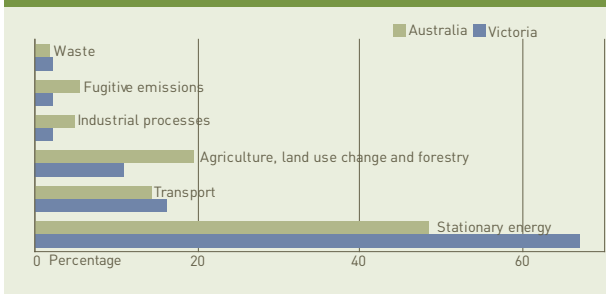
Australia, 2002



Energy sector greenhouse gas emissions

Victoria's stationary energy sector (energy industries and combustion of fuels for purposes other than transport) accounts for 67% of the state's greenhouse gas emissions. Nationally, the sector accounts for 48% of greenhouse gas emissions.

4 Sector contribution to net greenhouse gas emissions, 2002

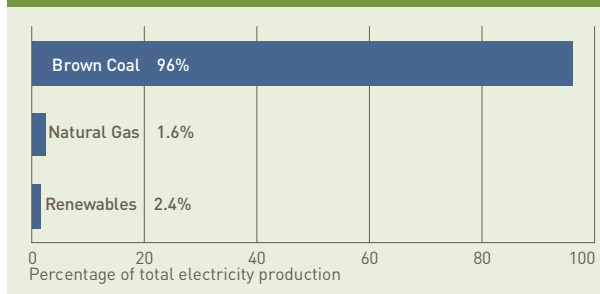


Energy sources

Coal-fired electricity generation is the major source of Victorian greenhouse gases, while the proportion of energy generation from a particular source varies from year to year. In 2004, brown coal comprised approximately 96% of Victoria's electricity generating capacity.

5 Sources of electricity generation

Victoria, 2003/2004



Transport and greenhouse gas emissions

Victoria's transport related emissions are slightly higher, at 16%, than the national figure of 14%. The car contributes over 50% of transport's greenhouse gas emissions.

6 Transport emissions by mode

Australia, in the period 1990-2003

