**Article Summary**

# Title: *Australian electricity market analysis report to 2020 and 2030*

**Author(s):** *Thomas S. Brinsmead, Jenny Hayward and Paul Graham*

**Keywords:** *Electricity Demand, Electricity Generation Costs, Electricity Market Trend*

**Accessed:** *December 2014*

|  |
| --- |
| Key Findings |
| This study argues that the increasing penetration of renewable energy sources in the National Electricity Market (NEM) will require significant changes to the market structure and regulatory framework to accommodate the intermittent nature of renewable generation. And mention that the electricity demand in the National Electricity Market (NEM) will remain relatively stable over the next decade, with a slight decline in demand in the short term due to energy efficiency improvements and a shift towards distributed generation. Finally, they suggest that there is a need for greater coordination between the various state and federal governments in Australia to achieve a more integrated and efficient electricity market. |

|  |
| --- |
| Quotes |
| Brinsmead, T. S., Hayward, J., & Graham, P. (2014). Australian electricity market analysis report to 2020 and 2030. CSIRO Technical Report No. EP141067. |

|  |  |
| --- | --- |
| Strengths | Limitations |
| * The article provides a comprehensive analysis of the Australian electricity market, including trends in electricity demand, generation, and prices, as well as the impact of policy and regulatory changes. * The authors draw on a wide range of data sources, including industry reports, government publications, and academic research, to support their analysis and projections. * The article provides valuable insights into the challenges and opportunities facing the Australian electricity market in the coming years, particularly with regards to the increasing penetration of renewable energy and distributed generation. | * **The projections and analysis presented in the report are based on a range of assumptions about future developments in the electricity market and may be subject to uncertainty and variation depending on how these assumptions play out in practice.** * **The report is focused primarily on the short to medium-term outlook for the electricity market and does not address some of the longer-term challenges and uncertainties facing the industry, such as the impact of climate change on electricity demand and generation.** * **The report does not discuss in detail the potential social and environmental impacts of different scenarios for the future of the electricity market, which may be of concern to some stakeholders.** |