

# SUMMARY REPORT Part I SoE 2018 Report Card

## Legend

### Status

<p><b>N/A Not Applicable</b></p> <p>The indicator assessment is based on future projections or the change in environmental condition and providing a status assessment is not applicable. Only a trend assessment is provided.</p>	<p> <b>Unknown</b></p> <p>Data is insufficient to make an assessment of status and trends.</p>	<p> <b>Poor</b></p> <p>Environmental condition is under significant stress, OR pressure is likely to have significant impact on environmental condition/human health, OR inadequate protection of natural ecosystems and biodiversity is evident.</p>	<p> <b>Fair</b></p> <p>Environmental condition is neither positive or negative and may be variable across Victoria, OR pressure is likely to have limited impact on environmental condition/human health, OR moderate protection of natural ecosystems and biodiversity is evident.</p>	<p> <b>Good</b></p> <p>Environmental condition is healthy across Victoria, OR pressure is likely to have negligible impact on environmental condition/human health, OR comprehensive protection of natural ecosystems and biodiversity is evident.</p>
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### Trend

<p><b>N/A Not applicable</b></p> <p>This indicator assessment is based on current environmental condition only and it is not applicable to provide a trend assessment. Only a status assessment is provided.</p>	<p> <b>Unclear</b></p>	<p> <b>Deteriorating</b></p>	<p> <b>Stable</b></p>	<p> <b>Improving</b></p>
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### Data quality

		
<p><b>Poor</b></p> <p>Evidence and consensus too low to make an assessment</p>	<p><b>Fair</b></p> <p>Limited evidence or limited consensus</p>	<p><b>Good</b></p> <p>Adequate high-quality evidence and high level of consensus</p>

\*While this indicator summary report card is specific to this chapter of the SoE 2018 Report, a full indicator report card across all report themes is available for free download.

# SUMMARY REPORT Part I SoE 2018 Report Card

## Indicator

**E:01** Energy use per capita

Energy use per capita is declining and is slightly below 1990 levels but remains high by global standards.



## Region

Victoria

## Measures

GJ

## Data custodian

DEE



DATA QUALITY

Good

## Indicator

**E:02** Total energy consumption by fuel

Total consumption has remained stable despite population growth.



## Region

Victoria

## Measures

%

## Data custodian

DEE



DATA QUALITY

Good

## Indicator

**E:03** Consumption of renewable energy as a share of total energy consumption

The proportion of energy consumption from renewables is increasing. However, it still accounts for a small share of total consumption, particularly in relation to the best performing jurisdictions in Australia or internationally.



## Region

Victoria

## Measures

%

## Data custodian

DEE



DATA QUALITY

Good

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# SUMMARY REPORT Part I SoE 2018 Report Card

**Indicator**

**E:04** Total net energy consumption by industry sector

**Region**

Victoria

**Measures**

PJ

**Data custodian**

DEE

Energy consumption has increased across most sectors and remains primarily supplied by fossil fuels.



DATA QUALITY

Good

**Indicator**

**E:05** Total electricity consumption

**Region**

Victoria

**Measures**

GWh

**Data custodian**

DEE

Electricity consumption has been declining over the past five years despite population and economic growth. However, it remains well above 1989–90 levels. Overall efficiency of end use will need to improve alongside growth in low-carbon generation if emissions reduction targets are to be achieved.



DATA QUALITY

Good

**Indicator**

**E:06** Total electricity generation by fuel

**Region**

Victoria

**Measures**

Twh

**Data custodian**

DELWP, NEM Review, Metered Generation and DELWP estimates

Generation from coal has decreased from a high of 90%. However, at 75% of electricity generated, coal remains the primary fuel source for electricity in Victoria.



DATA QUALITY

Good

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# SUMMARY REPORT Part I SoE 2018 Report Card

## Indicator

**E:07** Share of renewable energy generation of total electricity generation

The proportion of energy generation from renewables is increasing. However, renewables account for <20% of total generation.



DATA QUALITY

Good

## Region

Victoria

## Measures

%

## Data custodian

DELWP, NEM Review, Metered Generation and DELWP estimates

## Indicator

**E:08** Energy used in the transport sector

Transport energy use increased by over 40% between 1989-90 and 2015-16.



DATA QUALITY

Good

## Region

Victoria

## Measures

PJ

## Data custodian

Department of Environment and Energy, National Greenhouse Gas Inventory

## Indicator

**E:09** Per capita transport energy use

Transport energy use per capita has remained stable over the period despite population growth.



DATA QUALITY

Good

## Region

Victoria

## Measures

GJ

## Data custodian

DEE, National Greenhouse Gas Inventory

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