

Distributed Energy Resources (DER)

Information disclosure for the period 1 July 2023 to 30 June 2024

This information disclosure, on the integration and performance of Distributed Energy Resources, has been prepared in accordance with IPART's [Electricity networks reporting manual - Distribution reliability and performance reporting](#).

Reporting requirement

The number of DER connected to Endeavour Energy's distribution network	297,059
The volume of electricity exported into Endeavour Energy's distribution network from DER	1,612,333 MWh
The number of complaints from customers without DER affected by voltage issues or exceedance of thermal capacity limits due to DER	492
The number of customers that are subject to static limits on the distribution network due to DER	297,059
The number of DER customers that are actively being curtailed from exporting any electricity via a total static limit	0
The number of DER customers that are actively being curtailed from exporting some electricity via a partial static limit	10,299

For the purposes of this report, the definitions for Distributed Energy Resources are taken from IPART's Electricity networks reporting manual - Distribution reliability and performance reporting dated May 2023.

<p>DER means distributed energy resources comprising small generating units and generating systems located on the customer's side of the metering installation that export electricity into the Licence Holder's distribution network. For the purpose of this Reporting Manual, it excludes electric vehicles and their charging infrastructure.</p>
<p>Generating system means a system comprising one or more generating units with a total rating less than 30MW.</p>
<p>Generating unit has the same meaning given to that term in the National Electricity Rules.</p>
<p>Generator has the same meaning given to that term in the National Electricity Rules.</p>
<p>Partial static limit means the imposition of non-zero limits on the capability of the Generator to export to the grid.</p>
<p>Small generating unit means a generating unit:</p> <ul style="list-style-type: none"> (a) with a nameplate rating that is less than 30MW; and (b) which is owned, controlled or operated by a person that AEMO has exempted from the requirement to register as a Generator in respect of that generating unit.
<p>Thermal capacity limit means the maximum electrical current that, under ambient conditions, can be carried by the distribution feeder, without exceeding the thermal limits of the feeder.</p>
<p>Total static limit means the imposition of blanket limits on the capability of the Generator to export to the grid.</p>