

The generation plan for the proposed renewable energy zones

The draft 2025 Victorian Transmission Plan set out the additional wind and solar generation capacity being planning for in each of the draft proposed renewable energy zones by 2040.

VicGrid received consistent feedback from communities that the modelled new generation did not reflect the full picture of generation because it didn't include projects already in service. Table 1 below shows a breakdown of in-service generation and generation projects that are planned and already committed, as well as the additional generation that VicGrid is modelling to be required by 2040 under 3 different future scenarios. For more information about the scenarios, see Section 2.3 of the 2025 Victorian Transmission Plan.

The modelled generation is not a cap or limit. For more information on access limits and how VicGrid will allocate grid access to projects in renewable energy zones, see page 16.

VicGrid acknowledges the Victorian Transmission Plan also sets out a scenario where the demand for energy could grow at much higher levels, which would require new sections of zones created, or new zones in other areas of Victoria. The need for changes to zones, and the potential creation of new zones, will be considered when the next Victorian Transmission Plan is developed in 2027.

Table 1. The additional generation we are planning for in each proposed renewable energy zone by 2040

Generation location	In-service wind and solar	Committed wind and solar	2040 new wind and solar modelled for scenario 1	2040 new wind and solar modelled for scenario 2	2040 new wind and solar modelled for scenario 3
Proposed renewable energy zones					
Central Highlands	0.5 GW	1.4 GW	0.6 GW	2.2 GW	0.6 GW
South West	0.3 GW	0.0 GW	1.3 GW	2.0 GW	1.7 GW
Western	0.4 GW	0.0 GW	0.8 GW	4.5 GW	0.8 GW
North West	0.1 GW	0.0 GW	0.4 GW	1.9 GW	0.7 GW
Central North	0.2 GW	0.9 GW	0.0 GW	2.4 GW	0.1 GW
Gippsland	0.0 GW	0.2 GW	0.4 GW	1.1 GW	0.4 GW
Renewable energy zone total**	1.5 GW	2.5 GW	3.5 GW	14.2 GW	4.4 GW
Outside renewable energy zones (onshore)*	3.3 GW	1.9 GW	0.0 GW	0.0 GW	0.0 GW
Offshore	0.0 GW	0.0 GW	9.0 GW	9.0 GW	8.0 GW
Total**	4.8 GW	4.4 GW	12.5 GW	23.2 GW	12.4 GW

* As a modelling simplification, no new generation has been modelled outside renewable energy zones, however it is expected that some projects will still proceed in these areas.

** Totals may not add due to rounding.