

Transformer kVA	Hosting Capacity (kWac)
10	2 kW
15	4 kW
25	10 kW
37.5	14 kW
50	19 kW
75	29 kW
100	38 kW

- 1) This table only represents the aggregate maximum allowable capacity for RE systems per transformer level. Meralco conducts its final assessment depending on actual system conditions.
- 2) This is only applicable for single-phase distribution transformers. For other transformer types, it will require transformer loading and/or actual field measurements to assess the hosting capacity.
- 3) This hosting capacity is only applicable within the Meralco franchise area.
- 4) Hosting Capacity (HC) is defined as the maximum solar PV systems that can be integrated without causing any adverse effect on the normal system operation of the distribution network. The existing MERALCO HC quantification is based on worldwide models and methodologies. The MERALCO HC method properly modeled the LV network, secondary line, and service drop, load, and solar PV generation system. An appropriate power flow method was used and was based on the backward/forward sweep radial power flow algorithm coded in MATLAB platform.
- 5) Consult your Meralco representative for further details.