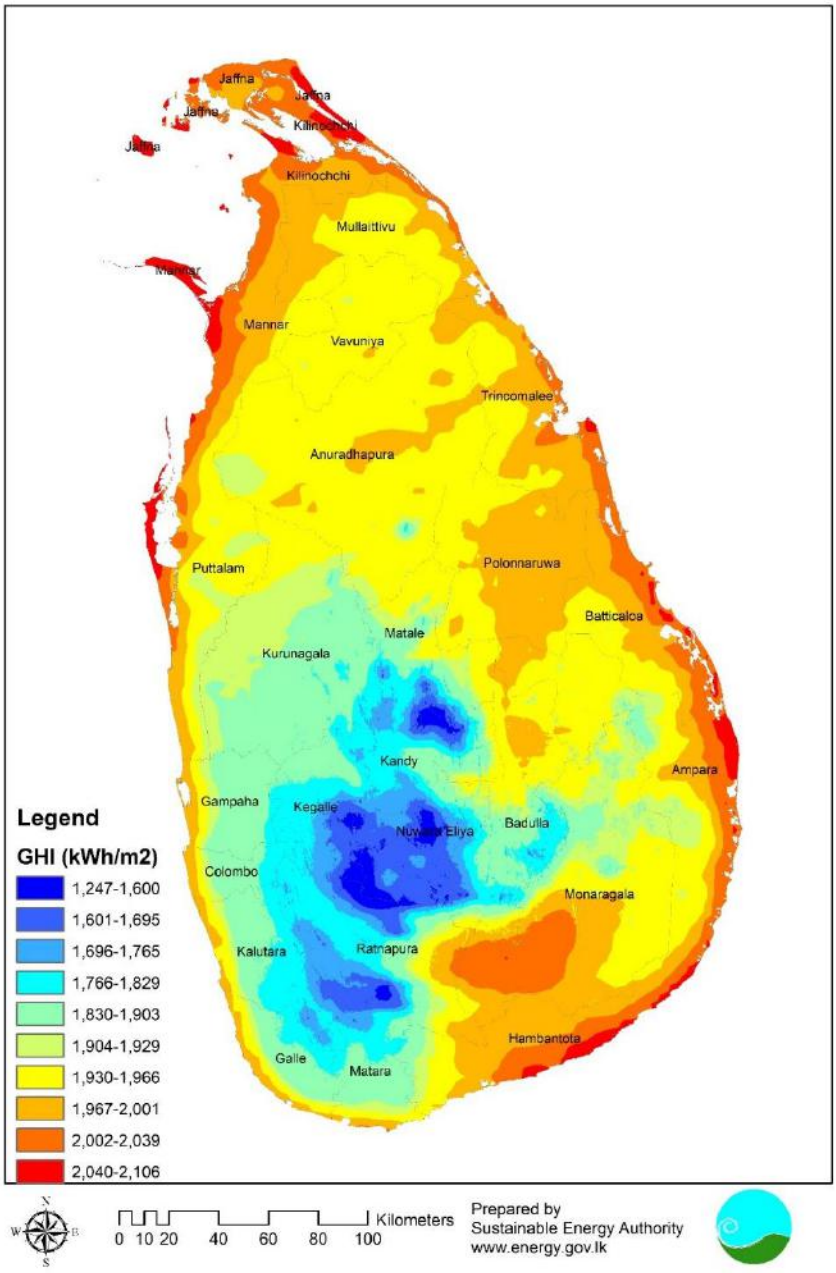
Supporting information for preparation of Proposals to Generate and Supply Electrical Energy from Renewable Energy Resources on Build Own and Operate Basis (BOO)

Solar Resource Map (Annual Global Horizontal Irradiance)



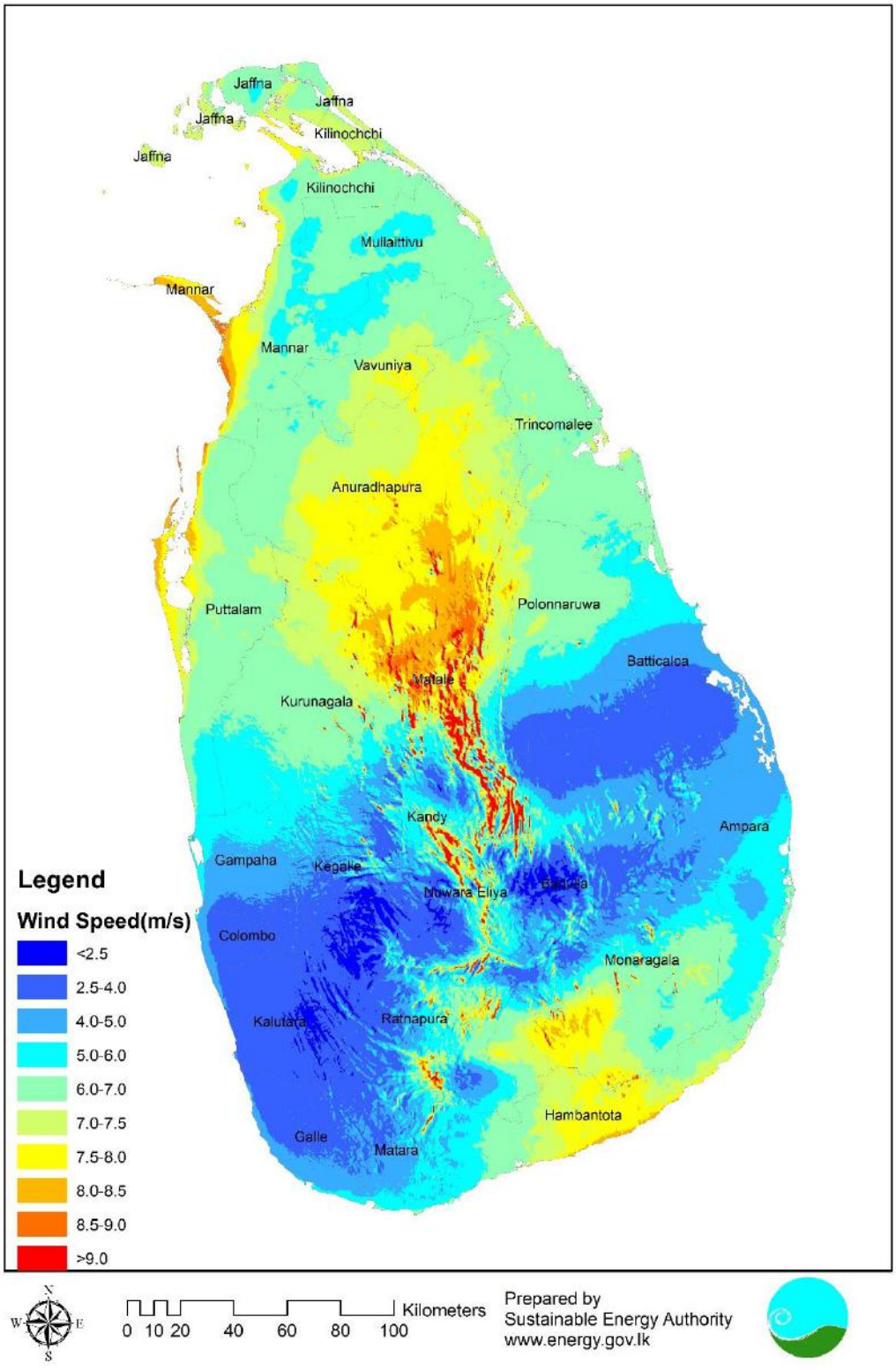
Reference: Solar Resource Atlas of Sri Lanka, 2014 published by Sri Lanka Sustainable Energy Authority (Printed version is available for purchasing)

Locations of the wind measuring mast network operated by Sri Lanka Sustainable Energy Authority

ID	Station_Name	Longitude	Latitude
1	Mullipurama	79.81166	8.05173
2	Sooriyakanda	80.62468	6.42947
3	Kalamatiya	80.92067	6.0885
4	Seethaeliya	80.80754	6.9458
5	Nadukuda	79.787833	9.051217
6	Silawatura	79.9547	8.7411
7	Balangoda	80.7765	6.7164
8	Jaffna	79.92214	9.74071
9	Kokilai	80.96513	8.98246
10	Pooneryn	80.09848	9.57508

The wind data recorded at above locations could be obtained from Sri Lanka Sustainable Energy Authority.

Wind Resource Map (Mean Wind Speed at 100m height)



Developed using the data obtained from Global Wind Resource Atlas (GWA 3.0), a web-based application developed by Technical University of Denmark and the World Bank Group (https://globalwindatlas.info/area/Sri%20Lanka)

Other useful sources available for obtaining information

- https://globalsolaratlas.info/map
- https://globalwindatlas.info/
- https://gwec.net/wp-content/uploads/2021/09/GWEC-Global-Offshore-Wind-Report-2021.pdf