

## ***Interactive comment on “Offshore Wind Energy Resource Assessment from Satellite Data Observations and WRF in Porto Santo Island” by Fabiola S. Pereira and Carlos S. Silva***

### **Anonymous Referee #2**

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It is a well written paper and the authors have made suitable effort and have succeeded in providing a refined manuscript. This paper provides sufficient background introduction on the development of offshore wind power. In the paper, a good case study is presented for assessing offshore wind resource in Porto Santo Island. The methodology is exhaustive, including methods for offshore wind resource assessment and annual energy production estimation. And the results are clearly presented.

I have only a minor comment that aim to help the reader understand better the paper.

1) In Line 118, you explain  $u(z_R)$  is the mean wind speed measured at the reference height  $z_R$ . But the parameter  $u(z_R)$  is not shown in Eq. (1).

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C1

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