

The Director(s)  
Humansrus Solar 3 (Pty) Ltd.  
101 Block A, West Quay Building  
7 West Quay Road  
Cape Town, 8000

14 October 2020

Dear Sir(s)

### **HUMANSRUS SOLAR 3 (PTY) LTD.: APPLICATION TO AMEND ENVIRONMENTAL AUTHORISATION**

Humansrus Solar 3 (Pty) Ltd, located on the Farm Humansrus 147, southwest of the town Prieska in the Northern Cape had an EIA conducted in 2016 to construct a 75 Megawatt (MW) PV facility and associated infrastructure. An Environmental Authorisation (EA) was received for the project on the 29 May 2017 (EIA Ref No: 14/12/16/3/3/2/888). Subsequently, Part 1 amendments have been authorized to extend the validity period of the EA and increase the authorized generation (contracted) capacity to 100MW.

Humansrus Solar 3 (Pty) Ltd is now applying for an amendment to the EA to include a Battery Energy Storage System (BESS) within the authorised footprint, covering up to 2 ha next to the on-site substation.

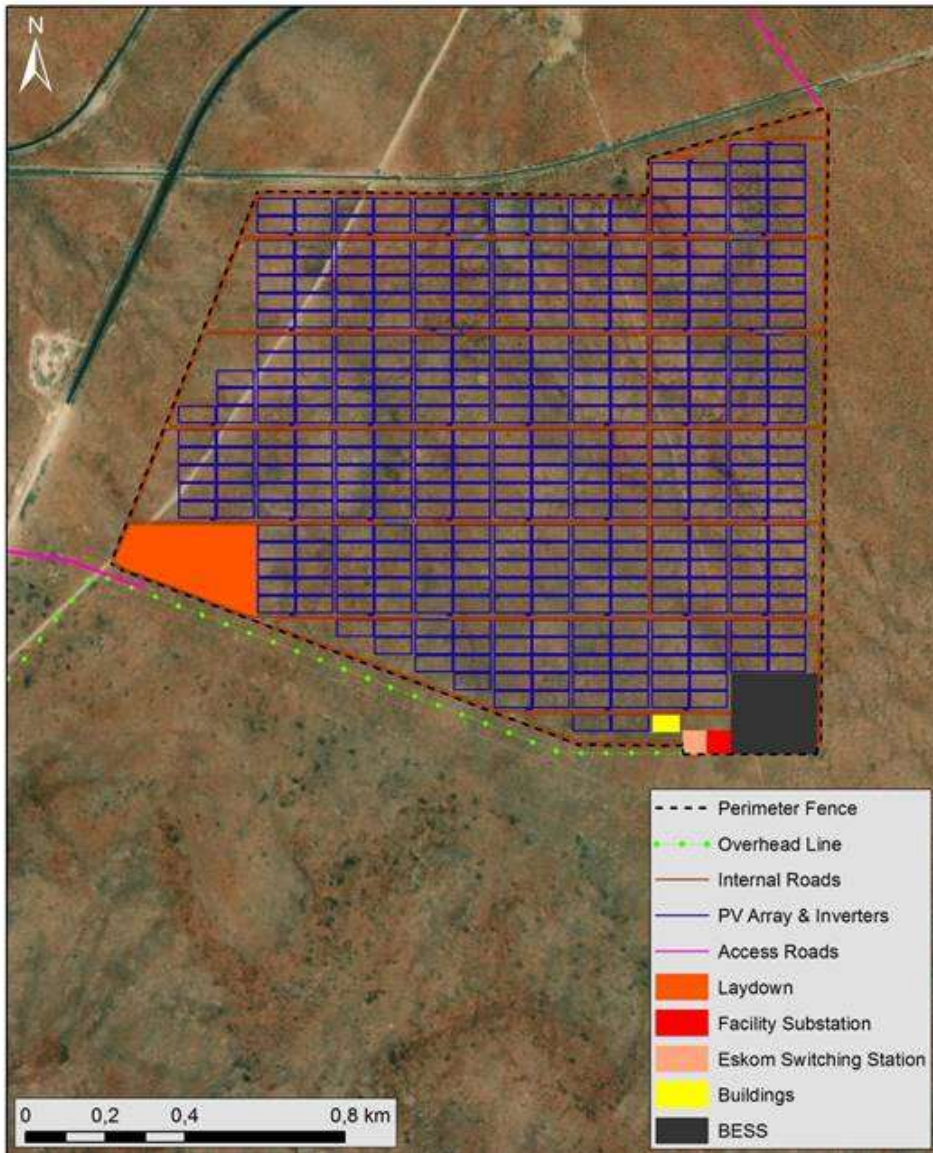
As the Agricultural Specialist during the original EIA process, I was requested to study the particulars of the BESS and provide an opinion on whether this inclusion will result in any additional or increased agricultural impacts within the proposed site and surrounding area. The proposed layout is portrayed in the Figure on page 2.

I have ensured that:

1. The BESS will indeed be placed within the authorised footprint and that no additional agricultural land will be involved or lost;
2. The construction of the BESS will have no additional influence on erosion or drainage patterns on site or in the surrounding environment.
3. During construction, spillage of fuel or concrete is possible, as with the construction of all other components of the facility. Mitigation measures prescribed will be the same in this case.
4. It is likely that the batteries will require solid foundations like concrete pads or steel decks, which is not different from the foundations for the auxiliary buildings and the substation on the site.

I hereby confirm that the BESS

- will not change or increase the nature or severity of any of the agricultural impacts originally identified and reported in 2016;
- Will have no additional impacts to those identified previously in my study; and
- Will not require any additional management outcomes or mitigation measures for the agricultural environment.



From an agricultural view point, I recommend that the EA is amended to include the BESS.

Yours faithfully

*Christo Lubbe*

**C R Lubbe**