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14 May 2013

Dr Mathys Vosloo  
 Senior Environmental Scientist  
 Zitholele Consulting

Dear Mathys

**SOLAR PARK INTEGRATION PROJECT: FERUM - SOLAR PARK ALTERNATIVE 3E OPTIMUM**

Your emails of 3 and 14 May 2013 refers.

We have analysed the new alignment, namely Ferrum - Solar Park alternative 3E optimum, in terms of the same sensitivity criteria that we applied for the original set of alignments (see Bird Impact Assessment Study: Section 5: Selecting a preferred corridor for the transmission lines: Table 5).

The results of the assessment are tabled below, indicating the relative sensitivity of the new alternative in relation to the corridors originally assessed. Please note that we worked on 4km wide corridors, therefore we buffered the new corridor in the same manner to make comparisons between corridors possible.

Corridor	Risk Rating
Ferum Solar 3E (referred to in the original report as Ferum Solar 3 alt)	455
Ferum Solar 1	462
<b>Ferum Solar 3 E Optimum</b>	<b>479</b>
Ferum Solar 2	482
Ferum Solar 3	491

The assessment indicates that the new potential corridor do not pose a significantly higher risk to birds than the corridors that have already been assessed between Ferrum and Solar Park. Overall, all the alignments emerged with very similar risk profiles - there is only an 8% difference in estimated risk between the lowest risk (Ferrum - Solar 3E) and the highest risk (Ferrum - Solar 3). This indicates that the choice of a final corridor does not make a material difference from a bird impact perspective.

Our recommendations as stipulated in the Bird Impact Assessment Study (see Section 8) remain unchanged.

Sincerely



Chris van Rooyen and Albert Froneman