

**From:** [NectonSubstationAction Messenger](#)  
**To:** [Norfolk Boreas](#)  
**Subject:** Deadline 16 response to Applicant's response  
**Date:** 09 September 2020 09:54:33

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#### 1.7 REP14-072 NSAG Site Selection

The Applicant would like to clarify the following with respect to potential transmission losses with reference to the National Grid fact sheet on High Voltage Direct Current – technical information 1 ‘Over short distances, the losses in both cables and overhead lines are very small. Losses in AC transmission are in the region of 0.7%–1% per 100km for an overhead line route and 0.3%–0.6% for a cable system’ rather than the 30-40% referred to.

If the losses are so small, why did the applicant use them as a reason not to use Top Farm?