

Appendix B: Slope Suitability

As part of the Site Selection and feasibility analysis, the Proponent conducted an assessment to obtain high resolution contour and landform data for the Site. The data was used to refine the location of the site with respect to gradient and to support the environmental assessment for the Proposal.

To evidence that the gradients at the Site are suitable for the installation of a solar farm, the Proponent contacted Array Technologies, who manufacture the second largest single axis tracking system globally (by market share). They also have a strong presence in the Australian market.

Based on the contour data provided by the Proponent, Array Technologies advised that the Proposal Site was well within the slope tolerance requirements for the successful installation of their technology stating that

“We note that your site has gradients ranging predominantly between 0 and 5 degrees with pockets between 5 and 10 degrees and we do not consider that this would pose any particular issues outside of what would normally be expected for the construction, operation and decommissioning of a solar farm”

(More detail is provided in Figure 1 below).

Figures 2 and 3 provide images of recently constructed solar farms (using single axis tracking systems), at locations with slopes greater than those found at the Proposal Site.

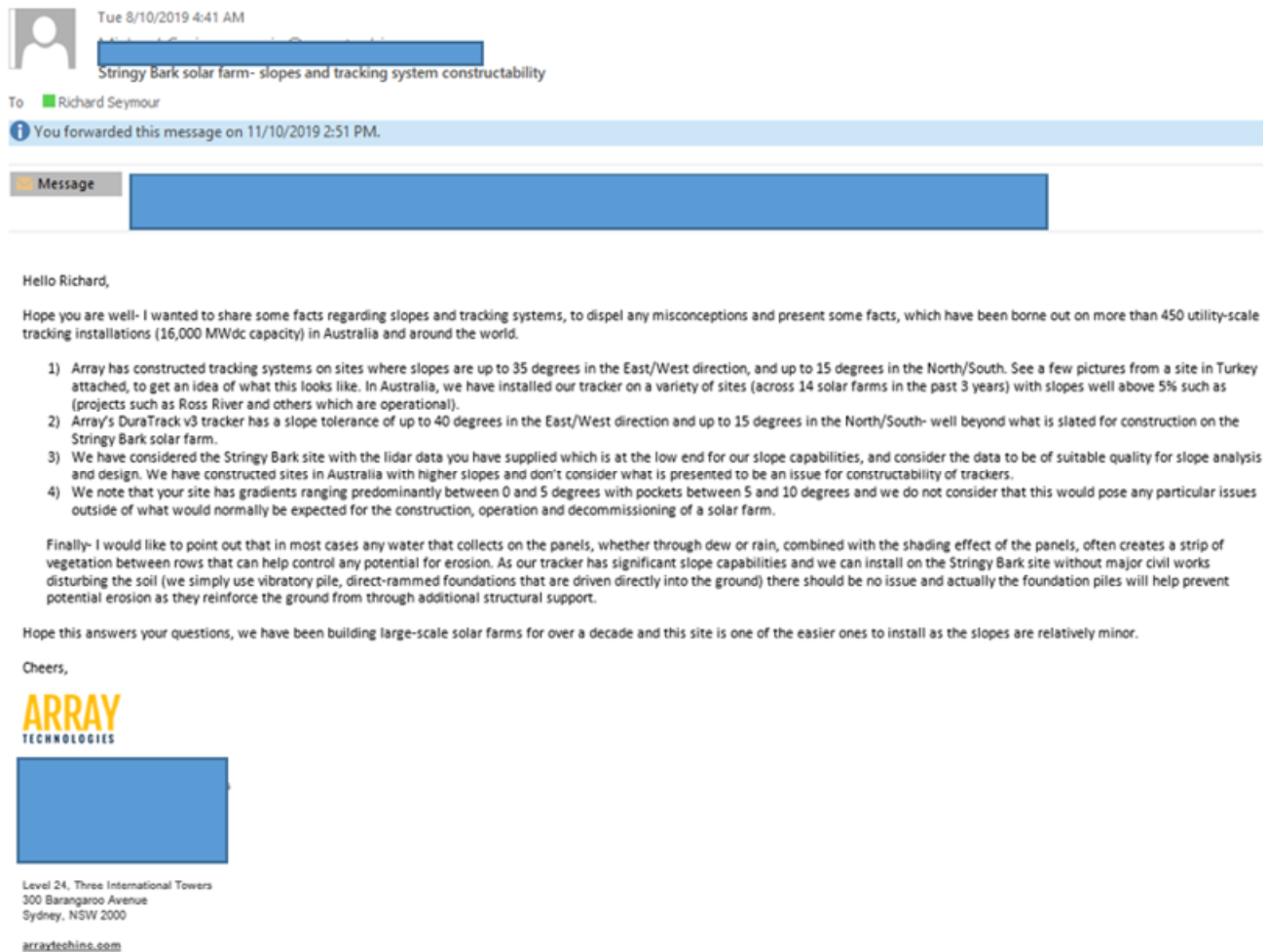


Figure 1: Screenshot of email from Array Technologies following analysis of The Proposal's contour data



Figure 2: Image illustrating a newly constructed solar farm using Array Technology Trackers on slopes significantly greater than those found at the Proposal Site (up to 15 degrees North South and 35 degrees East/West, image courtesy of Array Technologies)



Figure 3: image showing under construction Solar Farm in Australia using Nextracker single axis tracking technology. Some slopes are up to 13 degrees, higher than slopes at the Proposal Site (Photo Courtesy of NGElectrical).