

Glint and Glare Survey Cover Note

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Project name: MetroLink

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Cover Note for Glint and Glare Survey presented on 28/02/24

A report was presented on the Glint and Glare assessment arising from the proposed solar panels on the rooves of the Dardistown Depot. This report was a direct output from the SGHAT software which is the international industry standard software for aviation glint and glare analysis.

In 2021 the US Federal Aviation Authority (FAA) issued a clarification document in relation to the SGHAT software, which essentially determined that reflectance effects for runway approaches are immaterial on the basis that there are a multitude of reflecting surfaces encountered momentarily by aircraft approaching runways.

*This analysis shows that the proposed solar arrays on the depot buildings have a '**Pass**' result in respect of both Air Traffic Control Towers at Dublin Airport, which is not surprising given that the view from them in the direction of the array is to the south and the array will be oriented generally to the south east to maximise solar gain i.e. in the opposite direction to the viewer, leaving potential views of only the backs of panels.*