

# Comment for planning application 22/01682/F

<b>Application Number</b>	<input type="text" value="22/01682/F"/>
<b>Location</b>	<input type="text" value="Land North Of Manor Farm Noke"/>
<b>Proposal</b>	<input type="text" value="Development of a ground mounted solar farm incorporating the installation of solar PV panels, associated infrastructure and access, as well as landscape planting and designated ecological enhancement areas."/>
<b>Case Officer</b>	<input type="text" value="James Kirkham"/>
<b>Organisation Name</b>	<input type="text" value="Wylie Horn"/>
<b>Address</b>	<input type="text" value="The Old Parlour, Little Baldon Farm, Little Baldon"/>
<b>Type of Comment</b>	<input type="text" value="Objection"/>
<b>Type</b>	<input type="text" value="neighbour"/>
<b>Comments</b>	<p>There is increasing experimental evidence for the 'lake effect' whereby shiny solar panels are mistaken for water surfaces by birds, possibly due to the polarised light reflected by each sort of surface - an effect already well known in aquatic insects (both birds and insects can detect polarised light, and use it for navigation).</p> <p>There is an increasing body of literature on bird mortalities among solar photovoltaic (PV) panel arrays (and NB distinct from the Concentrated Solar Power arrays that concentrate the sun's rays parabolically to heat water to drive steam turbines). Mortality of migrating water-fowl in PV solar farms has been reported in S.W. USA. The possible effects of a very large solar array in Noke so close to a the RSPB Otmoor Reserve with thousands of migrant water- and other birds doesn't really bear thinking about.</p> <p>The risks to the birds of Otmoor have been completely dismissed by the applicants (and their ecological consultants whose brief was restricted to the biological/ecological impacts only on the immediate foot-print of the solar panels).</p> <p>I trust that the Cherwell District Council planning officers will take this factor into consideration when deciding whether or not this scheme should proceed.</p>
<b>Received Date</b>	<input type="text" value="19/07/2022 08:59:56"/>
<b>Attachments</b>	