

Submission to the NSW Government Planning and Environment on the Gregadoo Solar Farm Project

May 2018



67 Payneham Road
College Park SA 5069
P 0422 974 857
E admin@dea.org.au
W www.dea.org.au

Healthy planet, **healthy people.**

DEA Scientific Committee

Prof Peter Doherty AC
Prof Stephen Leeder AO
Prof Lidia Morawska
Prof Hugh Possingham
Dr Rosemary Stanton OAM

Prof Stephen Boyden AM
Prof Michael Kidd AM
Prof Ian Lowe AO
Prof Peter Newman AO
Prof Lawrie Powell AC
Dr Norman Swan

Prof Emeritus Chris Burrell AO
Prof David de Kretser AC
Prof Robyn McDermott
Prof Emeritus Sir Gustav Nossal AC
Prof Fiona Stanley AC

Doctors for the Environment Australia (DEA) is a voluntary organisation of medical doctors in all states and territories. We work to address the diseases—local, national and global, caused by damage to the earth's environment.

DEA strongly supports the Gregadoo Solar farm project. The reduction of Carbon intensive energy generation is an essential component of limiting our greenhouse gas emissions, which are contributing to global warming with devastating effect on the health of the planet and its inhabitants.

Pollution from Carbon energy also contributes significantly to ill health.

The Gregadoo Solar Farm will provide 47 Megawatts of photovoltaic power with minimal environmental impact. This is a total of 94,000 MWh per year, which is equivalent to the estimated power required to service 15,000 homes. This equates to a saving of 21,000 tonnes of Green House Gas production from Coal Fired Power Stations and thus would contribute to the NSW Renewable Energy Plan and support the National target of 20% renewable energy by 2020.

DEA thus strongly advocates, for the health of the community, the phasing out of Coal Fired Power stations.

This can only be achieved if alternative non-Carbon-based technology such as Wind and Solar are deployed. Thus, DEA sees the establishment of facilities such as Gregadoo Solar Farm as an essential component in energy generation allowing for closure of Coal Fired Power stations.

¹ http://majorprojects.planning.nsw.gov.au/index.pl?action=view_job&job_id=8825