

## TILBUSTER SOLAR FARM

Application No SSD-9619

Applicant Enerpac Australia PTY LTD

A. The proposed location is in the Annaleey valley Tilbuster area over the eastern flowing water courses, one and a half kilometres from the the New England Great Dividing range. This water shed is on fertile agricultural land.

1. The priority land use on this fertile aluvial soil, should be agriculture, growing pasture which holds water in the soil, and with animals grazing this pasture, maintains and builds up these soils.

This land is zoned Agricultural land, this needs to be protected and improved to protect the land from bushfires.

2. Solar panels over aluvial sedimentary soils, shade the pasture which holds the water in the soil and the top soil together(soil structure). Shading the soil

destroys the living structure leading to extensive erosion from the water pouring off the solar panels and water flooding down the slopes and water courses.

3. I am not opposed to cost effective collection of solar energy, all roofs in Australia could be utilising the sun's energy that falls on them as well as the water that falls on the roofs can be collected. Realising and implementing this sort of thinking would lead to surplus energy and water for every home.

4. Food and water security are the two biggest issues in the world. The solution to these big issues is large scale dams and farming preferably on government land. Large dams would provide water security and create cost effective hydro electricity could be generated on the eastern land fall 1200 metres to sea level from the proposed site at Tilbuster. Excess water could be diverted to

the western fall catchment via a canal into  
the Murray Darling system.

James Gordon