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Hello Planning NSW

For the following few reasons of a wide range of other reasons, the 60MW Maison Dieu commercial industrial solar installation SSD-48160216 should proceed no further?

1. There is nothing clean about attempting to power Australia on commercial industrial solar? The panels are composed of forever compounds (meaning these never break down?) a multitude of heavy metals including but not limited to lead and cadmium will leach into what I understand in the case of the Maison Dieu commercial industrial solar panel installation was former dairy country. Lead and cadmium in high enough levels have detrimental on human health, leach into the water table and have detrimental impacts on plant life? As we are all aware the Hunter Valley is a high storm part of NSW and hence once nearly 500 hectares are hit by a massive hail storm who cleans up the broken glass?

The associated up to 80MWH battery will also by its very nature contain more heavy metals meaning the possibility of further soil contamination by heavy metals once again lead and cadmium plus mercury. These will likewise leak into the water table?

There is no COMPULSORY decommissioning legislation for any so-called renewable energy projects Austrliawide.

So how can these environmentally damming intermittent generation sources ever be approved? Therefore, how can Maison Dieu Solar and battery back-up installation ever be approved when with total knowledge of the NSW DPHI that there is no compulsory decommissioning legislation for any so-called renewable energy sources? Lacking Compulsory Decommissioning Legislation who will enforce the decommissioning of the Maison Dieu solar and BESS and restore the former rural footprint of this industrial site to its original land use?

As has been proved with the Junction Rivers wind turbine development the original proponent/developer very soon morph into \$2-00 shell companies with no financial fortitude to cover decommissioning costs?

According to the NSW DPHI's own figures to decommission a commercial industrial solar installation is \$234,073 per Megawatt? Therefore, at \$234,073 per MW Maison Dieu rated at 60MW will equal \$14,044,380 in today's figures? From my understanding there is no "tip fees" in this estimate.

See attached;

2. I now wish to address the Paris Agreement 2015 that Australia is signatory too. Article 2 Section b. which

Paris AGREEMENT - 2015

*The Parties to this Agreement,
Being Parties to the United Nations Framework Convention on Climate Change, hereinafter referred to as "the Convention",*

Article 2

1. This Agreement, in enhancing the implementation of the Convention, including its objective, aims to strengthen the global response to the threat of climate change, in the context of sustainable development and efforts to eradicate poverty, including by:
 - a. Holding the increase in the global average temperature to well below 2 °C above pre-industrial levels and pursuing efforts to limit the temperature increase to 1.5 °C above pre-industrial levels, recognizing that this would significantly reduce the risks and impacts of climate change;
 - b. **Increasing the ability to adapt to the adverse impacts of climate change and foster climate resilience and low greenhouse gas emissions development, in a manner that does not threaten food production;**

The Maison Dieu solar footprint is described as Rural (RU1) The Singelton LGA. Therefore, this is clearly rural land that will be forever destroyed by the imminent installation of this solar panel, big battery and associated substation?

3. Terrian Solar claim that their Maison Dieu 60MW solar installation and associated up to 80MWH battery will stabilise the electrical grid? Nothing could be further from the truth? Small intermittent generations

sources such as a mooted 60MW solar panel installation will help destabilise the national grid by their very nature will cause and has caused operational nightmares for grid operators?

I therefore ask the NSW DPPI to consider the above facts about the Maison Commercial Industrial Solar, battery and substation installation when considering allowing this installation to proceed?

Best regards John McGrath

Commented [JM1]: