What SOS want Solar Works Applications to contain

To enable proper community evaluation of a solar project, the Developer Application (EIS) must provide:

1. All "Independent Reports" included in an application to provide a declaration of any financial interests the consulting firm or their owners have in the Proponent/Applicant company or their owners.
2. The comparison with alternatives must be against all alternatives of similar capacity (e.g. rooftop solar, CCGT-CC, modern coal-fired plants, modern nuclear plants) on a total life-cycle basis of the longest life alternative. Comparisons to include land space required, total materials required, nature of output over each 24 hour period.
3. Details of how, if not a standalone electricity generating works, where the electricity will come from when the solar panels are not producing sufficient electricity to supply consumers.
4. Life-cycle CO2 equivalents embedded in their project once installed
5. Payback period for life-cycle CO2 deficit embedded in their project
6. Payback period for life-cycle energy in/out deficit
7. Evidence for claims that their output supply 'x' households with electricity (actually cant supply one household over just 24 hours without an alternate source, so stop misleading the public)
8. Soil analysis pre, on and post installation to establish a benchmarks for future comparison
9. Annual testing of soil for contamination, reported to the Council and government depts
10. Confirmation that the project site is not within 10km of the closest boundary of a town, national park, dam or reservoir
11. Minimum setback from all roads with embankments and vegetation as screening, as for coal mines
12. The Australian content ($ and %) of their project, separated into labour, transport, materials, taxes and services
13. The gross value of the project
14. The value any initial and ongoing subsidies, favourable loans or other benefits provided by all levels of government to the project
15. Details of PPAs, including duration, price received, and contingency if term is not renewed
16. Details of a decommissioning and disposal plan, including safe-removal and disposal of toxic elements and the full rehabilitation of the land within and around the project site
17. Amount of decommissioning/disposal bond to be lodged with an appropriate government body
18. Value of direct contribution to grid and associated infrastructure necessary for the project to operate
19. Value of any contribution to access to the electricity grid/infrastructure
20. Total amount of materials required for the project by type (steel, PV panels, copper wire. etc) by weight (tonnes)
21. Type of fire suppression methods to be installed, including type (e.g. water sprinklers, gas) and alert method to fire-fighters (water bombers)

22. Water use plan (source and quantities) for construction and operation, including methods of use
23. Confirmation that no part the project is within 200m of any waterway (surface and underground - MWRC requirement)
24. Risk event reporting plan e.g. when any panels or equipment is damaged by fire, storm, hail, etc,, including notification to the local community
25. Extent of compensation to be paid to nearby property owners who incur a reduction in land value as a result of the project
26. The value of contributions to independent research bodies who scientifically study life-cycle "renewables" pollution, resource requirements, impacts on the environment, wildlife and food chain and on humans
27. Evidence that their product does not include materials obtained from the use of child labour, human rights abuses, and unacceptable impacts on the environments overseas.
28. A risk analysis of the project be included (safety, obsolescence, vulnerability to damage, economic vs. physical life, etc)
29. A chart showing the decline in energy output efficiency each year and projected physical and economic life-time of the project, supported by evidence
30. Maintenance plan to identify panel deterioration on a regular basis (soil testing if cracking, de-lamination, weather-related damage, etc occurs).

What SOS wants from our governments

1. All subsidies to solar industry to stop
2. All solar 'renewables' projects to contribute to access grid infrastructure or build/pay for infrastructure specifically needed for the project, or NSW Renewable Energy Zones, to connect to the grid
3. Ban SF6
4. Require truth in project documentation when promoting their projects
5. Requirement that all risk events that occur be publicly reported
6. Requirement for projects to lodge upfront bonds upon project approval for decommissioning, disposal and land rehabilitation
7. At least a five years warning by a project that it is to be decommissioned so as to give time for its replacement to be approved and built.
8. A limit be put on the size and location of an industrial solar plant so as to preserve land for agriculture.