Do the draft Guidelines provide relevant and helpful guidance for siting, design and development of solar energy facilities?

Are there any changes needed?

Do the draft Guidelines include sufficient advice on approval requirements for solar energy facilities?

Are there any changes needed?

Do the draft Guidelines include enough information on best practice solar energy facility siting, design and operational matters?

Are there any changes needed?

Do you have any other general comments about the draft Guidelines?

Are the Guidelines adequately helpful in managing the potential landscape impacts of solar energy facilities?

Are the Guidelines helpful in clear on potential glint/glare, screening or general visual impacts of solar energy facilities?

Do the Guidelines adequately address potential off-site impacts of solar energy facilities?

Are there any other general comments relating to management of specific issues not mentioned in the submission form?

Submitter: Individual

NO

Include reference to consultation with AirServices Australia to prevent reflection glare from impacting key aircraft corridors.

- Glare on aircraft, Impact of water run off from panel cleaning, access and water usage from cleaning, location of panels to reduce dirty panels.

Suggest inclusion of a summary table that outlines all mandatory and suggested approvals.

NO

Water/Cleaning considerations should be added, dirt/dust prone areas impact panel effectiveness.

- Include a summary table for all mandatory and suggested approvals.
- Include water access considerations and types of water/usage limits for cleaning.
- Include water run-off & treatment of cleaning chemicals used in the cleaning process.
- Include noise management from cleaning tools/trucks/pressure hose systems.
- Include the need for EMF assessments.
- Include the need for the purchase of panels from suppliers that meet AU standards.
- Include the need for waste management and recycling process (not landfill for old/damaged panels).
- Include the need for weather history assessment to avoid areas prone to

Add a consideration to the water use required for cleaning and maintenance of the solar facility on nearby irrigation scheme usage.

- Add a consideration for erosion/dust management after construction is complete, not just during construction.
- Add in reference to the standards and approval for the use of pesticides, chemicals used to prevent grass/plant growth that may impede solar visibility.

Add in a requirement for improved screening or the use of motorised panels to reduce the impact of glare on existing or future dwelling locations.

- When adding in suitable land use zones, make provisions to exclude building on the reflective side of solar facilities by using land planning zones.
- Cover the impacts of erosion on the site and dust impacts (solar facilities will often prevent grass or plant life from growing which will impact

Add in references to standards and approval requirements for the disposal of water/chemicals used in cleaning.

- Add in reference to the standards and approval for the use of pesticides, chemicals used to prevent grass/plant growth that may impede solar visibility.
<table>
<thead>
<tr>
<th>Significan hail/smog/dust</th>
<th>- Include the need for Health and Safety assessments for radiated solar protection for employees/cleaners.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>- Include the need for a solar reflection study to be provided to those within the geographically impacted area (this should be outlined by hour and time of year).</td>
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<tr>
<td></td>
<td>- Include the need to seek approval from AirServices Australia for glint/glare impact to pilots and key flight paths/landing zones.</td>
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<tr>
<td></td>
<td>- Add in erosion management (after the facility is built) - solar facilities will often remove grass/plant life to prevent impacts on solar visibility, however this comes at the cost of soil retention and results in dust, water run off issues.</td>
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<tr>
<td></td>
<td>- Include reference to prefer underground power lines (for high voltage) to reduce the probability of triggering bush fires.</td>
</tr>
<tr>
<td></td>
<td>- Include reference to prefer any new power poles to be significantly offset from highways/roads to reduce the possibility of vehicle collision and also for solar visibility, but at the cost of soil retention).</td>
</tr>
</tbody>
</table>
subsequent bush fire prevention from downed power lines.