

Lifetime of the Project

- Project life is anticipated to be 25 years.
- At the end of the project lifetime, components would be decommissioned and removed from the site, or upgraded for continued operation. It is expected this would be a condition of the Development Approval.
- Operational activities would include panel cleaning and landscaping works and management of repairs.
- Existing wind farm operations team would manage the solar farm.

Electricity Output

- Output from the solar project would be exported to the electricity grid via the wind farm substation.
- The wind farm will not have to shut down on sunny days to allow power from the solar farm to be exported.
- There is sufficient 'headroom' within the substation to allow for 10-12 MW of solar generation.
- The existing transformers will not allow for further export beyond the 10-12 MW used by the proposed Gullen Solar Farm.

Land Use

- As the project is still in the design phase, the final ground conditions under the panels is unknown at this stage.
- An option currently considered is to retain pasture under the panels and allow sheep to graze. This is currently occurring at a large solar farm in Western Australia.

Potential Operational Noise

- Predicted noise from the solar farm during operations will be assessed as part of the impact assessment, with results presented in the Development Application.
- Noise from the solar farm during operations is expected to be minimal.
- The panels do not emit any noise.
- The transformers and inverters make some noise, however this is not expected to be audible beyond 100 meters of the source, and not beyond the solar farm boundary.



Operation and Maintenance

GULLEN
Solar Farm

Photo by Jamie Keller, NREL19697. Pictured is the La Ola PV Plant on Lanai, Hawaii.