

Submission on the referral

The Department of the Chief Minister and Cabinet – Jabiru Power Station

Government authority: Environmental Regulation Branch, Department of Environment, Parks and Water Security

Section of Referral	Theme or issue	Comment
Main referral document	Noise – diesel generators will kick in when solar capacity is diminished	<p>The proponent should ensure noisy plant and equipment are chosen on the basis of lowest sound power levels. To avoid noise nuisance impacting sensitive receptors, the proponent should install noise and vibration mitigation measures and do all that is reasonable and practicable to prevent transmission of intrusive or annoying noise. In addition to propagation of sound pressure levels, the proponent should also account for annoying noise characteristics such as tones, impulses, low frequency noise, intermittent noise, cumulative impacts and the effects of meteorology and topology.</p> <p>The proponent should ensure that all equipment with potential to produce vibration and noise is purchased on the basis of low sound power levels and will be installed with appropriate noise and vibration mitigation measures.</p> <p>When determining the location of noisy plant and equipment, the proponent should have regard to:</p> <ul style="list-style-type: none"> the NT EPA Recommended Land Use Separation Distances, available at: https://ntepa.nt.gov.au/_data/assets/pdf_file/0004/566356/noise_management_framework_guideline.pdf Northern Territory Noise Management Framework Guideline, available at: https://ntepa.nt.gov.au/_data/assets/pdf_file/0006/453192/guideline_recommended_land_separation_distances_oct.pdf
Main referral document	Air quality	<p>The proponent should source fuel burning equipment that will comply with the standards of concentration for scheduled premises prescribed under the Protection of the Environment Operations (Clean Air) Regulation 2010 [NSW]:</p> <p>Solid particles (total) < 50 mg/m³</p> <p>Smoke < Ringleman 1 or 20% opacity</p> <p>Nitrogen dioxide (NO₂) or Nitric oxide (NO) or both, as NO₂ equivalent < 450 mg/m³</p> <p>Volatile organic compounds (VOCs), as n-propane < 1140 mg/ m³ VOCs or 5880 mg/m³ CO</p> <p>The proponent will also need to install vapour recovery systems to capture volatile petroleum hydrocarbon gases during transfer of fuel. Compliance with AS 1940 The storage and handling of flammable and combustible liquids, is expected.</p>
Construction & Operational Environmental	Noise	<p>The proponent is to ensure that the noise levels from the proposed premises comply with the latest version of the Northern Territory Environment Protection Authority <i>Northern Territory Noise Management Framework Guideline</i> available at https://ntepa.nt.gov.au/_data/assets/pdf_file/0004/566356/noise_management_framework_guideline.pdf</p>

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Management Plan		
Construction Environmental Management Plan	Excavation & fill	<p>The proposed activities may have the potential to generate fill (waste material) and/or involve the importation of fill for use on-site. Prior to the removal of fill (waste material) from the site, or the importation of fill onto the site, waste classification assessment is to be undertaken in accordance with NSW EPA <i>Waste Classification Guidelines, Part 1: Classifying Waste, 2014</i>, and associated waste classification guidelines, available at http://www.epa.nsw.gov.au/your-environment/waste/classifying-waste/waste-classification-guidelines. All imported fill material must be virgin excavated natural material (VENM). The material must be accompanied by details of its nature, origin, volume, and transportation details. It is recommended that the applicant consider the NT EPA fact sheets <i>How to avoid the dangers of accepting illegal fill onto your land</i> and <i>Illegal Dumping – What You Need To Know</i>, available at: https://ntepa.nt.gov.au/publications-and-advice/environmental-management.</p>
		<p>The proposed Referral - Jabiru Power Station does not trigger licensing requirements under the <i>Waste Management and Pollution Control Act 1998</i> (WMPC Act) or the <i>Water Act 1992</i>. The proponent is reminded of its general environmental duty under section 12 of the WMPC Act to take all measures that reasonable and practicable to prevent or minimise pollution or environmental harm arising from the development activity, and reduce the amount of the waste generated.</p> <p>The proponent must segregate waste generated at the premises in clearly designated areas for recycling, re-use or disposal, for transfer to an appropriate facility for processing. Any listed wastes generated during the construction or operation of the facility must be transported by an appropriately licenced waste handler to an appropriately licenced facility for treatment, recycling and/or disposal.</p>