



Works Approval

Works approval number	W2906/2025/1
Works approval holder	Square Kilometre Array Observatory
Registered business address	26 Dick Perry Avenue KENSINGTON, WA, 6151
DWER file number	INS-0002906
Duration	22/05/2025 to 21/05/2028
Date of issue	22/05/2025
Premises details	SKAO Central Power Station Legal description - Part of Lot 18 on Deposited Plan 220344 As defined by the coordinates in Schedule 2: Premises boundary

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i>)	Assessed production capacity
Category 87: Fuel burning: premises on which gaseous, liquid or solid fuel with a sulphur content of less than 0.25% is burnt in a boiler for the supply of steam or in power generation equipment	246 kg/hr

This works approval is granted to the works approval holder, subject to the attached conditions, on 22 May 2025, by:

an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Works approval history

Date	Reference number	Summary of changes
22/05/2025	W2906/2025/1	Works approval granted

Interpretation

In this works approval:

- (a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;
- (b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;
- (c) where tables are used in a condition, each row in a table constitutes a separate condition;
- (d) any reference to an Australian or other standard, guideline, or code of practice in this works approval:
 - (i) if dated, refers to that particular version; and
 - (ii) if not dated, refers to the latest version and therefore may be subject to change over time;
- (e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and
- (f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This works approval requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this works approval.

Works approval conditions

The works approval holder must ensure that the following conditions are complied with:

Construction phase

Infrastructure and equipment

1. The works approval holder must construct and/or install the infrastructure and/or equipment:
 - (a) in accordance with the corresponding design and construction / installation requirements; and
 - (b) at the corresponding infrastructure location.
 - (c) as set out in Table 1.

Table 1: Design and construction / installation requirements

	Infrastructure	Design and construction / installation requirements	Infrastructure location
1.	5 x 1.250 kVA containerised generators	(a) Generators must be installed in accordance with the manufacturer's specifications. (b) Generators must be self-bunded in accordance with the requirements of section 5.9 of AS 1940 with a bund capacity of at least 110% of the generator set. (c) The generator bund must be fitted with a leakage sensor that triggers an alarm at the controller if the bund begins to fill. (d) The controller must be programmed to shut down the generator when the alarm is activated.	Schedule 1: Maps, Figure 2 Gen 1- Gen 5
2.	3 x 110 kL self-bunded diesel storage tanks	(a) Tanks must be installed in accordance with the manufacturer's specifications. (b) Tanks must be self-bunded in accordance with the requirements of section 5.9 of AS 1940 with a bund capacity of at least 110% of the tank fill volume. (c) A loading area comprising a spill grate at least 3 mx 2 m must be installed adjacent to the tanks. (d) A fuel unloading point must be located within the spill grate. (e) Fuel delivery lines between the storage tanks and the generators must be installed above ground.	Schedule 1: Maps, Figure 2 F1-F3

	Infrastructure	Design and construction / installation requirements	Infrastructure location
3.	3 x 11 kVA Shunt Reactors.	<p>(a) Must be located within a concrete bund positioned on footings at least 0.5 m above the highest flood level.</p> <p>(b) Concrete bunding must be constructed in accordance with the requirements of AS 1940.</p> <p>(c) Concrete bunds must be constructed to direct accumulated stormwater to a sump/s installed with a prefilter and a Filtrelec 15M2 filter or equivalent which can achieve a hydrocarbon concentration of less than 5 mg/l, prior to discharge.</p>	Schedule 1: Maps, Figure 2 RAB1-RAB3
4.	2 x 11 kVA Transformers	<p>(a) Must be located within a concrete bund positioned on footings at least 0.5 m above the highest flood level.</p> <p>(b) Concrete bunding must be constructed in accordance with the requirements of AS 1940.</p> <p>(c) Concrete bunds must be constructed to direct accumulated stormwater to a sump/s installed with a prefilter and a Filtrelec 15M2 filter or equivalent which can achieve a hydrocarbon concentration of less than 5 mg/l, prior to discharge.</p>	Schedule 1: Maps, Figure 2 TA1-2
5.	1 x 14 kL self-bunded multi compartment oil tank	<p>(a) Tank must be installed in accordance with the manufacturer's specifications.</p> <p>(b) Tank must be self-bunded in accordance with the requirements of section 5.9 of AS 1940 with a bund capacity of at least 110% of the tank fill volume.</p> <p>(c) Oil delivery lines between the oil tank and the generators must be installed above ground.</p>	Schedule 1: Maps, Figure 2 Oil tank

Compliance reporting

2. The works approval holder must within 30 calendar days of an item of infrastructure or equipment required by condition 1 being constructed and/or installed:
 - (a) undertake an audit of their compliance with the requirements of condition 1; and
 - (b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.
3. The Environmental Compliance Report required by condition 2, must include as a minimum the following:
 - (a) certification that the infrastructure or component(s) thereof, as specified in condition 1, have been constructed in accordance with the relevant requirements specified in condition 1;
 - (b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1; and
 - (c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

Records and reporting (general)

4. The works approval holder must record the following information in relation to complaints received by the works approval holder (whether received directly from a complainant or forwarded to them by the Department or another party) about any alleged emissions from the premises:
 - (a) the name and contact details of the complainant, (if provided);
 - (b) the time and date of the complaint;
 - (c) the complete details of the complaint and any other concerns or other issues raised; and
 - (d) the complete details and dates of any action taken by the works approval holder to investigate or respond to any complaint.
5. The works approval holder must maintain accurate and auditable books including the following records, information, reports, and data required by this works approval:
 - (a) the works conducted in accordance with condition 1;
 - (b) any maintenance of infrastructure that is performed to comply with condition 1; and
 - (c) complaints received under condition 4.
6. The books specified under condition 5 must:
 - (a) be legible;
 - (b) if amended, be amended in such a way that the original version(s) and any subsequent amendments remain legible and are capable of retrieval;
 - (c) be retained by the works approval holder for the duration of the works approval; and
 - (d) be available to be produced to an inspector or the CEO as required.

Definitions

In this works approval, the terms in Table 2 have the meanings defined.

Table 2: Definitions

Term	Definition
AS 1940	means the most recent version and relevant parts of the Australian Standard AS1940 <i>The storage and handling of flammable and combustible liquids</i>
books	has the same meaning given to that term under the EP Act.
CEO	means Chief Executive Officer. CEO for the purposes of notification means: Director General Department administering the <i>Environmental Protection Act 1986</i> Locked Bag 10 Joondalup DC WA 6919 info@dwer.wa.gov.au
condition	a condition to which this works approval is subject under section 62 of the EP Act
Department	means the department established under section 35 of the <i>Public Sector Management Act 1994</i> and designated as responsible for the administration of Part V Division 3 of the EP Act.
Environmental Compliance Report	means a report to satisfy the CEO that the conditioned infrastructure and/or equipment has been constructed and/or installed in accordance with the works approval.
EP Act	<i>Environmental Protection Act 1986 (WA)</i> .
EP Regulations	<i>Environmental Protection Regulations 1987 (WA)</i> .
premises	the premises to which this licence applies, as specified at the front of this licence and as shown on the premises map (Figure 1: Map of the boundary of the prescribed premises and Figure 2) in Schedule 1 to this works approval.
prescribed premises	has the same meaning given to that term under the EP Act.
works approval	refers to this document, which evidences the grant of the works approval by the CEO under section 54 of the EP Act, subject to the conditions.
works approval holder	refers to the occupier of the premises being the person to whom this works approval has been granted, as specified at the front of this works approval.

END OF CONDITIONS

Schedule 1: Maps

Premises map

The boundary of the prescribed premises is shown in red the map below (Figure 2).

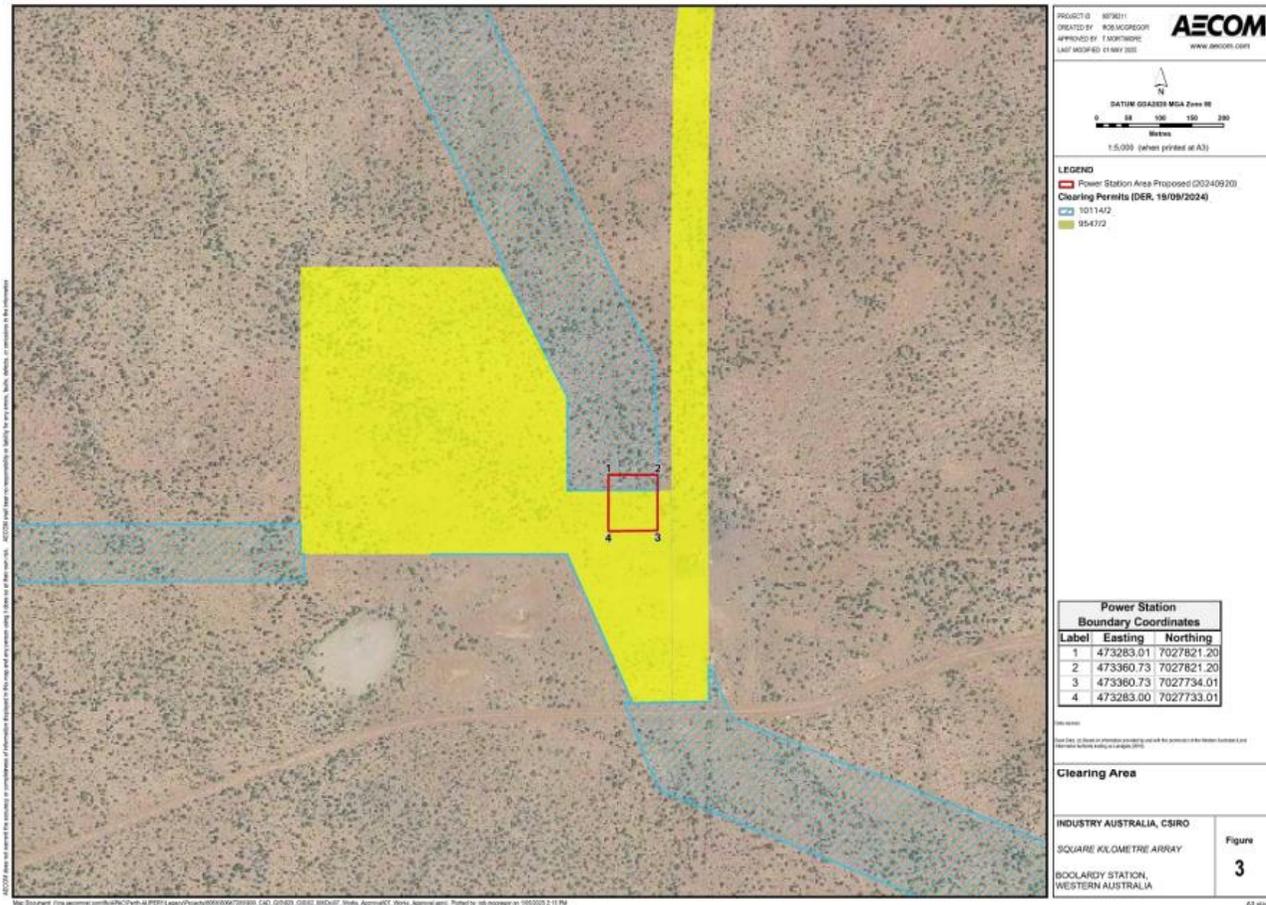


Figure 1: Map of the boundary of the prescribed premises

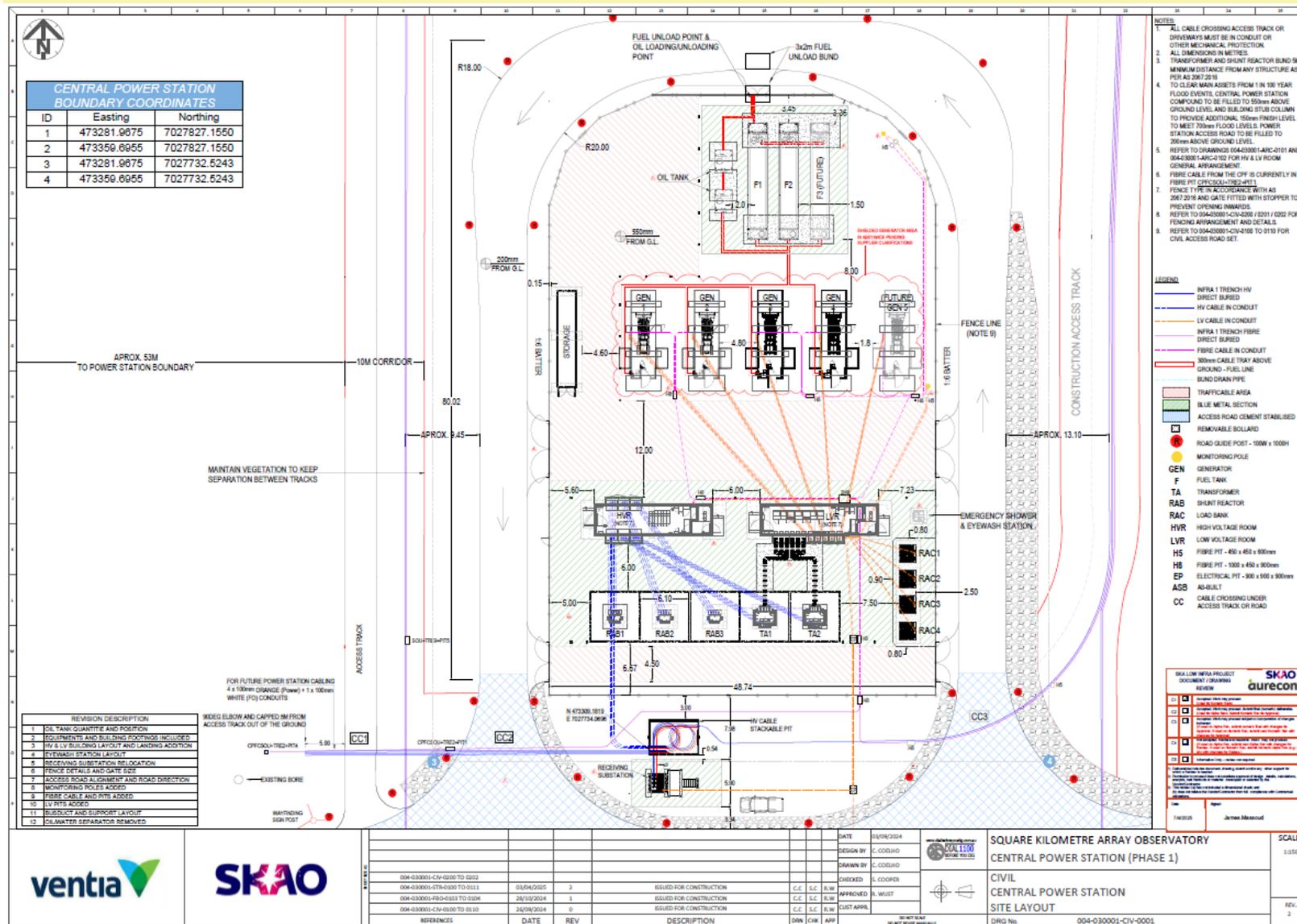


Figure 2: Central Power Station site layout

W2906/2025/1 (Date of works approval issue: 22/05/2025)

Schedule 2: Premises boundary

The corners of the premises boundary are the coordinates listed in Table 3.

Table 3: Premises boundary coordinates (GDA2020)

	Easting	Northing
1	473283.01	7027821.20
2	473360.73	7027821.20
3	473360.73	7027734.01
4	473283.00	7027733.01