



Electricity

Licence

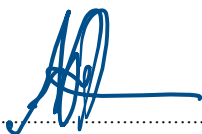


Electricity Generation Licence

AGL SA Generation Pty Ltd

ACN 081 074 204

This licence was issued by the **Industry Regulator** on 23 March 2000 and last varied on the date specified below.



Adam Wilson
Chief Executive Officer and Commission authorised signatory

15 February 2023

Date

Variation history

Amendment number	Variation date	Reason
1 (SAIIR)	23 March 2000	
2 (ESCOSA)	1 May 2004	
3 (ESCOSA)	28 July 2006	
4 (ESCOSA)	26 July 2007	
ESCOSA05	8 August 2019	Licence varied to reflect amendments to the Act and update outdated references.
ESCOSA06	15 December 2022	Licence varied to reflect the requirements of the <i>Electricity (General) (Prescribed Conditions) Amendment Regulations 2022</i>
ESCOSA07	February 2023	Licence varied to include the operation of the Torrens Island Battery Energy Storage System.

1 Definitions and interpretation

- 1.1 Words appearing in bold like **this** are defined in part 1 of the schedule.
- 1.2 This licence must be interpreted in accordance with the rules set out in part 2 of the schedule.

2 Grant of licence

- 2.1 The **Licensee** is licensed under Part 3 of the **Act**, and subject to the conditions set out in this licence, to generate electricity at the generating plant listed in the Annexure.

3 Term

- 3.1 This licence commences on the date it is issued and continues until:
- (a) it is surrendered by the **Licensee** under section 29 of the **Act**; or
 - (b) it is suspended or cancelled by the **Commission** under section 37 of the **Act**.

4 Access

- 4.1 The **Licensee** must:
- (a) in accordance with, and to the extent required by, the **Electricity Transmission Code**, grant to an **electricity entity** holding a **transmission licence** or a **distribution licence**, rights to use, or have access to, those parts of the **Licensee's** electricity generating plant that are interconnected or interface with the **electricity entity's** assets for the purpose of ensuring the proper integrated operation of the South Australian power system and the proper conduct of the operations authorised by that **electricity entity's transmission licence** or **distribution licence**; and
 - (b) in the absence of agreement as to the terms on which such rights are to be granted, comply with a determination of the **Commission** as to those terms.

5 Dispute resolution

- 5.1 A dispute relating to the granting of rights to use, or have access to, any parts of the **Licensee's** electricity generating plant as referred to in clause 4 shall be resolved in accordance with such **Code** (if any) as is made by the **Commission** which establishes a scheme for the resolution of disputes in relation to such rights.
- 5.2 Clause 5.1 does not apply to the extent the dispute is subject to resolution in accordance with or under the **National Electricity Rules**.

6 Compliance with codes

- 6.1 The **Licensee** must:
- (a) comply with all applicable provisions of the **Electricity Transmission Code**, the **Electricity Distribution Code** and the **Electricity Metering Code**;
 - (b) comply with any other **Code** or **rule** made by the **Commission** from time to time; and
 - (c) notify the **Commission** if it commits a material breach of the **Electricity Transmission Code**, the **Electricity Distribution Code** or the **Electricity Metering Code** within 3 days after becoming aware of that breach.

7 Safety, reliability, maintenance and technical management plan

- 7.1 The **licensee** must:
- (a) prepare, maintain and periodically revise a safety, reliability, maintenance and technical management plan dealing with matters prescribed by **regulation**;
 - (b) obtain the approval of the **Technical Regulator**:
 - (i) to the plan (prior to commencement of the operation of the electricity generating plant to which the plan relates); and
 - (ii) to any revision of the plan.
 - (c) comply with the plan as approved from time to time in accordance with clause 7.1(b); and
 - (d) undertake audits of its compliance with the plan from time to time and report the results of those audits to the **Technical Regulator**, in the form required by the **Technical Regulator**.

8 System controller and AEMO

- 8.1 The **Licensee** must, following a request from **AEMO**, provide to **AEMO** such documents and information as **AEMO** may reasonably require for the performance of its functions.
- 8.2 The **Licensee** must comply with any directions given to it by the **System Controller**.

9 National electricity market

- 9.1 At all times during the term of this licence, the **Licensee** must hold and comply with the conditions of any registration required under the **National Electricity Rules** granted by **AEMO** (or by the person responsible for the granting of such registrations under the **National Electricity Law** or the **National Electricity Rules**).

10 Information to the Commission

- 10.1 The **Licensee** must, from time to time, provide to the **Commission**, in a manner and form determined by the **Commission**:
- (a) details of the **Licensee's** financial, technical and other capacity to continue the operations authorised by this licence; and
 - (b) such other information as the **Commission** may require from time to time.
- 10.2 The **Licensee** must notify the **Commission** of any changes to its **officers**, and (if applicable) major shareholders, within 30 days of that change.

11 Operational and compliance audits

- 11.1 The **Licensee** must undertake periodic audits of the operations authorised by this licence and of its compliance with its obligations under this licence and any applicable Codes in accordance with the requirements of any applicable guidelines issued by the **Commission**.
- 11.2 The **Licensee** must also conduct any further audits at a frequency and in a manner approved by the **Commission**.

- 11.3 The results of audits conducted under this clause must be reported to the **Commission** in a manner approved by the **Commission**.
- 11.4 The **Commission** may require the licensee to use an independent expert approved by the **Commission** to conduct audits under this clause.

12 Confidentiality

- 12.1 The **Licensee** must, unless otherwise required by law, this licence, a **Code**, or the **National Electricity Rules**, comply with any **rules** made by the **Commission** from time to time relating to the use of information acquired by the **Licensee** in the course of operating the operations authorised by this licence.
- 12.2 The **Licensee** must not disclose confidential information to an intelligence or law enforcement agency unless requested to do so by an intelligence or law enforcement agency on the basis that:
- (a) disclosure is necessary under the terms of a warrant issued under Division 2 of the *Australian Security Intelligence Organisation Act 1979* or under the terms of any other court order; or
 - (b) disclosure is reasonably necessary for the enforcement of the criminal law or a law imposing a pecuniary penalty for the protection of the public revenue; or
 - (c) disclosure is necessary to safeguard the national security of Australia.

The **Licensee** may accept an assertion of an intelligence or law enforcement agency, without making further enquiry, for the purposes of paragraphs (b) and (c) above.

13 Community service

- 13.1 The **Licensee** must comply with the requirements of any scheme approved and funded by the **Minister** for the provision by the State of customer concessions or the performance of community service obligations by the **electricity entities**.

14 Compatibility

- 14.1 The **Licensee** must not do anything to its electricity generating plant affecting the compatibility of its electricity generating plant with any **distribution network** or **transmission network** so as to prejudice public safety or the security of the power system of which the electricity generating plant forms a part.

15 Compliance with laws

- 15.1 The **Licensee** must comply with all applicable laws including, but not limited to, any technical or safety requirements or standards contained in regulations made under the **Act**.

16 Switching Manual

- 16.1 The **licensee** must:
- (a) prepare and maintain an internal switching manual in accordance with the **regulations**; and
 - (b) comply with any other requirements relating to switching prescribed in the **regulations**.

17 Variation

17.1 This licence may only be varied in accordance with section 27 of the **Act**.

18 Transfer

18.1 This licence may only be transferred in accordance with section 28 of the **Act**.

19 Provision of designated services

19.1 In accordance with the conditions and payment terms specified in the *Electricity (General) (Prescribed Conditions) Amendment Regulations 2022*, the **Licensee** must provide the **designated services** to the holder of the **relevant distribution licence** during the **designated period**.

Schedule: Definitions and Interpretation

1 Definitions

In this licence:

Act means the *Electricity Act 1996 (SA)*.

AEMO means the Australian Energy Market Operator Ltd (ACN 072 010 327).

business day means a day on which banks are open for general banking business in Adelaide, excluding a Saturday or Sunday.

Code means any code made by the **Commission** under section 28 of the **ESC Act** from time to time.

Commission means the Essential Services Commission established under the **ESC Act**.

designated services means services to maintain Torrens Island Power Station Unit B2 as an available and functioning electricity generating plant during the **prescribed period**;

distribution licence means a licence to operate a **distribution network** granted under Part 3 of the **Act**.

distribution network has the meaning given to that term under the **Act**.

Electricity Distribution Code means the code of that name made by the **Commission** under section 28 of the **ESC Act** which regulates connections to a **distribution network** and the supply of electricity by distributors.

electricity entity means a person who has been granted a licence under Part 3 of the **Act** to carry on operations in the electricity supply industry.

Electricity Metering Code means the code of that name made by the **Commission** under section 28 of the **ESC Act** which regulates the installation, maintenance and testing of meters.

Electricity Transmission Code means the code of that name made by the **Commission** under section 28 of the **ESC Act**.

ESC Act means the *Essential Services Commission Act 2002 (SA)*.

generator means a holder of a licence to generate electricity granted under Part 3 of the **Act**.

Industry Regulator means the South Australian Independent Industry Regulator under the **Industry Regulator Act**.

Industry Regulator Act means the *Independent Industry Regulator Act 1999 (SA)*.

Licensee means AGL SA Generation Pty Ltd (ACN 081 074 204).

Minister means the person who is responsible for the administration of the **Act**.

National Electricity Law means the *National Electricity Law* referred to in the *National Electricity (South Australia) Act 1996 (SA)*.

National Electricity Rules has the same meaning given to that term in the **National Electricity Law**.

officer means a director or secretary.

prescribed period means 1 September 2023 to 30 June 2026 (inclusive).

regulation means a regulation made under the **Act**

relevant distribution licence means the licence under the **Act** authorising the operation of the **distribution network** held by an electricity entity that is a network service provider (within the meaning of

the **National Electricity Law**) that owns, controls or operates a distribution system (which licence is currently held by SA Power Networks (ACN 332 330 749) a partnership of: Spark Infrastructure (No. 1) Pty Ltd (ABN 54 091 142 380), Spark Infrastructure (No. 2) Pty Ltd (ABN 19 091 143 038), Spark Infrastructure (No. 3) Pty Ltd (ABN 50 091 142 362), CKI Utilities Development Ltd (ABN 65 090 718 880) and PAI Utilities Development Ltd (ABN 82 090 718 951);

rule means any rule, made by the **Commission** under section 28 of the *Essential Services Commission Act*, as in force from time to time.

System Controller means the person (if any) licensed under Part 3 of the **Act** to exercise system control over the power system of which the **Licensee's** electricity generating plant forms a part.

Technical Regulator means the person holding the office of Technical Regulator under Part 2 of the **Act**.

transmission licence means a licence to operate a **transmission network** granted under Part 3 of the **Act**; and

transmission network has the meaning given to that term under the **Act**.

2. Interpretation

In this licence, unless the context otherwise requires:

- (a) headings are for convenience only and do not affect the interpretation of this licence;
- (b) words importing the singular include the plural and vice versa;
- (c) words importing a gender include any gender;
- (d) an expression importing a natural person includes any company, partnership, trust, joint venture, association, corporation or other body corporate and any governmental agency;
- (e) a reference to any statute, regulation, proclamation, order in council, ordinance or by-law includes all statutes, regulations, proclamations, orders in council, ordinances or by-laws varying, consolidating, re-enacting, extending or replacing them and a reference to a statute includes all regulations, proclamations, orders in council, ordinances, by-laws and determinations issued under that statute;
- (f) a reference to a document or a provision of a document includes an amendment or supplement to, or replacement or novation of, that document or that provision of that document;
- (g) an event which is required under this licence to occur on or by a stipulated day which is not a **business day** may occur on or by the next **business day**.

SCHEDULE 2

Interpretation of this schedule

This schedule applies to the operation of the Torrens Island Battery Energy Storage System only.

1. Interpretation

1.1 Terms used in this schedule and also in the National Electricity Rules (**NER**) have the same meaning in this schedule as they have in those rules (unless otherwise specified or unless the context otherwise requires).

1.2 This schedule retains the numbering convention of the 2017 model licence conditions.

1.3 For the purposes of this schedule, the term

Commission means the Essential Services Commission, established under the *Essential Services Commission Act 2002*.

licensee means AGL SA Generation Pty Ltd (ACN 081 074 204)

Disturbance ride through capability

9. Disturbance ride-through (voltage phase angle shift)

9.1 The generating system of the licensee must not include any vector shift or similar relay/protective function acting upon voltage phase angle which might operate for phase angle changes less than 20 degrees.

System strength

11. System strength

11.1 Individual components of plant within the generating system of the licensee, which includes but is not limited to generating units and dynamic reactive power plant, must be capable of operating down to the following levels at the high voltage terminals in relation to each component:

- a) minimum short circuit ratio of 1.5, and
- b) minimum positive sequence X/R ratio of 2.

System restoration

16. System restoration

16.1 Where sufficient minimum fault level is available from online synchronous machines, the generating system of the licensee must have the following capability in the event of a black system:

- a) the generating system must be capable of operation with auxiliary loads only for 180 minutes while system load is being restored, and
- b) the generating system, including, but not limited to, each of its generating units and dynamic reactive power plant (as applicable) must have the capability to provide steady-state and dynamic reactive power when operating with auxiliary loads only for 180 minutes while system load is being restored.

ANNEXURE

1. Torrens Island Power Station A
2. Torrens Island Power Station B
3. The operation of the Torrens Island Battery Energy Storage System, with a maximum generation and export capacity of 250MW.



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