



Electricity

Application form for the issue of an Electricity Generation Licence – from 5MW and above

by the Essential Services Commission of SA under
the *Electricity Act 1996*

July 2022

OFFICIAL

Enquiries concerning this form should be addressed to:

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Table of contents

Glossary of terms.....	iii
Licence requirements and conditions	1
Generation operations which require a licence	1
Mandatory licence conditions	2
Additional technical licence conditions	2
Variation of licence conditions	2
Annual licence fees	3
How to apply for a generation licence	3
Use of this form and applicant’s responsibilities.....	3
Application fees	4
How to lodge an application.....	4
Consultation and confidentiality	4
Further information.....	4
Licence application form	5
1 The Applicant	5
1.1 Identity of applicant	5
1.2 Legal identity of applicant	5
1.3 Address and contact details of applicant	5
1.4 Contact person on behalf of applicant.....	6
1.5 Contact person for compliance matters and reporting	6
1.6 Contact person for licence fees.....	7
1.7 Diagram of corporate or other structure	7
2 The Licence.....	8
2.1 Date from which licence is sought	8
2.2 Nature and scope of operations for which licence is sought	8
2.3 Licensing of electricity entities	8
3 Suitability of applicant to hold a licence	9
3.1 Standard of honesty and integrity shown by applicant	9
3.2 Standard of honesty and integrity shown by officers and major shareholders of Applicant	10
3.3 Names and addresses of the officers of applicant	10
3.4 Names and addresses of major shareholders of applicant	12
3.5 Details of the group members.....	12
3.6 Additional information	12
3.7 Financial resources available to the applicant	12
3.8 Additional details of structure of applicant.....	13

3.9	Human resources available to the applicant.....	13
3.10	Technical resources available to the applicant	14
3.11	Quality of electricity produced/connection agreement	14
3.12	Risk management	14
3.13	Planning, Development and Infrastructure Act approval	15
3.14	Registration with Australian Energy Market Operator (AEMO).....	15
3.15	Licences held by the applicant in other Australian jurisdictions.....	15
3.16	Previous unsuccessful licence applications in other Australian jurisdictions	16
3.17	Licences held by associates of the applicant.....	16
3.18	Compliance plans	16
3.19	Additional information	17
4	Factors specified in the <i>Essential Services Commission Act 2002</i>	18
5	Declaration.....	19
	Attachment 1	20
	2017 model licence conditions for new generators	20
1	Interpretation of this schedule	20
2	Disturbance ride through capability	20
3	System strength	20
4	System restoration.....	20

Glossary of terms

Commission	Essential Services Commission, established under the <i>Essential Services Commission Act 2002</i>
<i>ESC Act</i>	<i>Essential Services Commission Act 2002</i>
Treasurer	Treasurer for the South Australian Government
Minister	Minister for Energy and Mining
Regulator	Technical Regulator

Licence requirements and conditions

It is essential that licence applicants read the Essential Services Commission's (**Commission**) Advisory Bulletin No 4 – “*Licensing Arrangements for the Electricity and Gas Supply Industries*” before they fill out this form. This Bulletin is available on the Commission website www.escosa.sa.gov.au under electricity/licensing.

Generation operations which require a licence

Section 15(2)(a) of the *Electricity Act 1996* (**Electricity Act**)¹ is explicit in that it requires a person that carries on the operation of the generation of electricity to hold a licence. This requirement applies to all generators with the exception of a generator that can rely on:

- ▶ one of the statutory exemptions specified in the Electricity (General) Regulations 1997 (**Regulations**) outlined below
- ▶ an individual exemption issued by the Commission (with the approval of the Minister) pursuant to section 80(1) of the *Electricity Act*, or
- ▶ an exemption made by Governor under a regulation pursuant to section 98(2)(e) of the *Electricity Act*.

Pursuant to Regulations 6(1) and (2), the following generators are exempt from the requirement to hold a generation licence:

- ▶ a generator whose generating plant has a rated nameplate output of 100kVA or less
- ▶ a generator that does not supply electricity for reward to or by means of a transmission or distribution network
- ▶ a generator that generates electricity for the sole consumption of that generator or a designated body (such bodies must be designated by the Minister²), or
- ▶ a generator that generates electricity for a person at a premises occupied or used by the person as a tenant or licensee (whether directly or indirectly) of the generator (or a designated body) where that person is not charged for the supply of electricity except by a licensed retailer/generator or as an unspecified part of rent or charges for the occupation or use of the premises.

It is important for generators (or proposed generators) to carefully consider whether they can rely on a statutory exemption from the requirement to be licensed. If the reliance on a statutory exemption is queried by the Commission, the onus to provide evidence that a particular exemption can be relied upon is on the relevant generator.

In addition, in the event that the operations of a generator change so that it can no longer rely on one of the three exemptions specified above, it will need to apply to the Commission for a generation licence immediately in order to continue those operations.

¹ Available at <https://www.legislation.sa.gov.au/LZ/C/A/ELECTRICITY%20ACT%201996.aspx>

² To date, the Minister for Energy and Mining has not designated any bodies for the purposes of Regulations 6(1).

Mandatory licence conditions

Sections 21(1) and 22 of the *Electricity Act* requires the Commission to place certain mandatory conditions in generation licences. The Commission strongly recommends that applicants review these mandatory conditions. Applicants must be familiar with the relevant conditions and confident that they can comply with the conditions.

Additional technical licence conditions

Additional technical licence conditions apply to all new electricity generators seeking to connect to the South Australian power system. Applicants for a generation licence should familiarise themselves with the Commission's licensing arrangements for generators in South Australia final report, available on the Commissions website.³

Model licence conditions have been developed and are available in Attachment 1. The model conditions will be applicable to all new applications, having regard to advice from the Australian Energy Market Operator (**AEMO**) on the specific circumstances of individual applications received.

Depending on the specific characteristics of a given generation project, the model conditions may be varied to the degree necessary to ensure that South Australian consumers' long-term interests with respect to the price, quality and reliability of electricity services are protected.

Variation of licence conditions

As part of the Commission's licensing function, it has the power to vary (or add to) conditions that are imposed on a licence it has issued. Specifically, under section 27 of the *Electricity Act*, the Commission has the power to vary a licence at any time, subject to statutory procedural requirements, including providing a licensee with reasonable notice of a proposed variation and allowing it the opportunity to make representations on that variation.

There is a broad range of factors that might be potential 'triggers' for the Commission to consider varying a licence, or adding new conditions. These include factors both external and internal to a licensee, and may include (without limitation):

- ▶ material changes in market operations, outcomes or structures
- ▶ changes to applicable national or State legislation, rules or policy
- ▶ the findings of a formal inquiry undertaken by the Commission
- ▶ substantive changes to operations which would have a genuine connection to or impact on the operations authorised under a licence
- ▶ an application by a licensee to vary its licence (for example, to add new generation plant or equipment or increase the capacity of existing generation plant), and
- ▶ evidence of upgrades or material changes to a licensee's business or operational practices relating to the generation plant and equipment authorised under a licence.

In considering a potential licence variation, the Commission must consider the factors specified in section 6 of the *Essential Services Commission Act 2002 (ESC Act)* (which sets out the Commission's primary statutory objective and other relevant considerations), the objects of the *Electricity Act* (as set out in section 3 of that Act). It will also be informed by any information submitted by a licensee

³ Refer: <https://www.escosa.sa.gov.au/projects-and-publications/projects/electricity/licensing-arrangements-for-generators-in-south-australia>

to which the variation may apply, through public consultation and by engagement with regulatory agencies involved in the electricity supply industry.

Annual licence fees

Holding a licence incurs annual licence fees. The Commission administers the licence fees determined by the Minister for Energy and Mining. At annual intervals, the Commission, on behalf of the Minister, will send to each licensee, depending on the category within the sector, an invoice for the licence fee. Licence fees are to be paid on receipt of an invoice via one of the payment options set out in the invoice.

The initial licence will not be issued until the first annual licence fee (or approved licence fee instalment) has been paid.

How to apply for a generation licence

This form is to be completed by persons making application to the Commission for the issue of a licence to authorise electricity generation operations in the electricity supply industry in South Australia.

The Commission can also consider joint applications from two or more persons who wish to hold a licence jointly. Persons making joint applications must ensure that each of the applicants completes a separate application form, together with a covering letter explaining that the application is for a licence to be jointly held.

Section 16(1)(a) of the *Electricity Act* provides that an application for the issue of a licence must be made to the Commission in a form approved by the Commission. This is the form approved by the Commission.

Use of this form and applicant's responsibilities

An application for a licence may be made by any legal person including, without limitation, individuals, partnerships, incorporated associations, unit and other forms of trusts and corporations. Entities that are not a legal person (for example, an unincorporated joint venture) cannot apply for a licence.

For the purpose of this application form, reference to the term "officer" include the applicant's directors and secretary, and other persons who make or participate in making decisions that affect a substantial part of the business of the applicant (e.g. Chief Executive Officer, Chief Financial Officer, General Manager etc.).

Applicants should list the information requested in the spaces provided in this form and enclose additional information when required. Applicants must take all reasonable steps to ensure the information provided in the application form is complete, true and correct and are required to make a declaration to that effect in the application form. Failure to disclose information or misrepresent any matter relevant to such information may result in a licence not being issued or in the suspension or cancellation of a licence at a later time.

Applicants are responsible for providing the Commission with current, accurate and relevant documentation. This will ensure that the application is processed promptly and without delay. All applications are assessed on a case-by-case basis. If insufficient information is provided with an application, the Commission will request additional information to be submitted before the application is considered further.

Application fees

Applicants should note they will be required to pay an application fee (presently set by the Minister for Energy and Mining at \$1,000 per licence).

Holding a licence incurs annual licence fees⁴. The Commission administers the licence fees determined by the Minister for Energy and Mining. At annual intervals, the Commission, on behalf of the Minister, will send to each licensee, depending on the category within the sector, an invoice for the licence fee. Licence fees are to be paid on receipt of an invoice via one of the payment options set out in the invoice.

The initial licence will not be issued until the first annual licence fee (or approved licence fee instalment) has been paid.

How to lodge an application

Applicants may send their completed application form electronically (preferred) or in writing to:

Electronically to: licensing@escosa.sa.gov.au

In writing to: Essential Services Commission of SA
GPO Box 2605
Adelaide SA 5001

Consultation and confidentiality

The Commission will consult with relevant government, industry and consumer groups in the conduct of its licensing functions through a public consultation process. Consequently, applications and/or supporting information will be made available on the Commission's website and in hard copy from the Commission's office for this purpose.

If applicants believe that they are providing confidential information when completing this form, they should write, "this information is confidential" after any such information. It is the applicant's responsibility to ensure this is clearly highlighted on the form. Applicants should also provide a 'non-confidential' version of the form capable of publication on the Commission's website.

The Commission will use information supplied in applications and in support of applications in accordance with the requirements of Part 5 of the *ESC Act*. Applicants claiming confidentiality are encouraged to familiarise themselves with Part 5. Applicants should note that the Commission may disclose confidential information in some circumstances.

Further information

Applicants should note that the Commission may ask applicants who have submitted an application form to provide further information to the Commission, or to clarify the information that they have already provided if required.

Please note that, in the event that an application lacks sufficient detail and the Commission is required to request additional information from an applicant, delays in the assessment of the application may occur.

⁴ Available at <https://www.escosa.sa.gov.au/industry/electricity/licensing/licence-fees>

Licence application form

1 The Applicant

(Applicants must answer all questions in this section)

1.1.1 Identity of applicant

State the full name of the applicant. The applicant is the person who will be undertaking the electricity generation operations that will be the subject of the licence. Joint applicants should each complete an application form, and submit their application forms at the same time, with a covering letter explaining that a joint application is being made.

Name: **Mannum Stage 2 SubCo Pty Ltd (ACN 635 868 496) as trustee for the Mannum Stage 2 Unit Trust (ABN 69 853 786 041)**

1.2 Legal identity of applicant

Provide information about the applicant, (i.e. whether the applicant is a natural person, private limited company or partnership, etc). If the applicant is a body corporate, please also state the jurisdiction in which the applicant is registered, and the applicant’s ABN/ACN.

The applicant is a special purpose company within the Epic Energy Group created to be the Owner of the solar farm assets described in section 2.2 below. The applicant is a Trustee acting on behalf of a Trust. It is registering with AEMO as an Intending Participant as a Generator.

The applicant is fully owned by Epic Energy Power Holdings which in turn is owned by QS MAPS Holdings and ultimately owned by Australian Retirement Trust. Therefore information about Epic Energy and QS MAPS Holdings is attached in support of this application. Epic Energy is well known as owner and operator of major gas transmission pipeline infrastructure in South Australia, the existing operational Mannum Solar Farm, two wind farms in Victoria, and the newly commissioned solar PV and battery microgrid at the IKEA store in Brooklyn Park, South Australia.

1.3 Address and contact details of applicant

Business address: **Level 6, 70 Franklin St, Adelaide**.....
State: **SA** Post code: **5000**
Postal address (if different to business address): **GPO Box 860, Adelaide**
State: **SA** Post code: **5001**
Telephone: **08 8343 8100** Facsimile: **08 8349 6493**.....
E-mail: **contact@epic.com.au**.....

1.4 Contact person on behalf of applicant

The full name, title and contact details of a person to whom the Commission can direct enquiries and correspondence about the application.

Full name: **Tom Forde**.....
Title: **General Manager, Innovation and Delivery**
Business address: **Level 6, 70 Franklin St, Adelaide**.....
State: **SA** Post code: **5000**
Postal address (if different to business address): **GPO Box 860, Adelaide**
State: **SA** Post code: **5001**
Telephone: **0417 065 598** Facsimile: **08 8349 6493**.....
E-mail: **tom.forde@epic.com.au**

1.5 Contact person for compliance matters and reporting

The full name and/or title of the person to whom the Commission can direct enquiries and correspondence about compliance matters and annual reporting responsibilities.

Full name: **Adrian Tero**.....
Title: **Risk and Compliance Advisor**
Business address: **Level 6, 70 Franklin St, Adelaide**.....
State: **SA** Post code: **5000**
Postal address (if different to business address): **GPO Box 860, Adelaide**
State: **SA** Post code: **5001**
Telephone: **0418 849 422** Facsimile: **08 8349 6493**.....
E-mail: **adrian.tero@epic.com.au**

1.6 Contact person for licence fees

The full name and/or title of the person to whom the Commission can direct enquiries and correspondence about licence fees.

Full name: **Sean Mullins**.....
Title: **Financial Controller**.....
Business address: **Level 6, 70 Franklin St, Adelaide**.....
State: **SA** Post code: **5000**
Postal address (if different to business address): **GPO Box 860, Adelaide**.....
State: **SA** Post code: **5001**
Telephone: **0418 831 317**..... Facsimile: **08 8349 6493**.....
E-mail: **ap@epic.com.au**.....

1.7 Diagram of corporate or other structure

Please attach with this application form details of the corporate or other structure, including details of any related companies within the meaning of the *Corporations Act 2001 (Corporations Act)*; and a diagram of the organisational chart, including composition of the board, management and other key personnel responsible for the key functions of the business.

Attachment A shows the corporate structure of the Epic Energy Group.

Attachment B shows the organisation chart for Epic Energy South Australia Pty Ltd (the entity that directly employs all staff within the Epic Energy Group). This information is confidential. Further information on key roles is provided in section 3.9.

2 The Licence

(Applicants must answer all questions in this section)

2.1 Date from which licence is sought

Applicants should usually allow the Commission a minimum of 16 weeks to consider an application, as a public consultation period of at least four weeks forms part of the Commission's consideration of licence applications. If the applicant seeks to have the licence issued by a certain date, provide this date. Please note that the Commission does not undertake to issue the licence by this date.

The licence is sought for issue by 26 May 2023, to align with the EPC Contractor's project schedule that considers the steps necessary for approvals, construction and commissioning of the solar farm. This is based on having the licence in place when R1 registration application is submitted to AEMO. Live testing is planned to commence on 29 August 2023 and the date for commercial operations is 15 September 2023.

2.2 Nature and scope of operations for which licence is sought

Applicants for a generation licence must state the location of the generation plant, the expected nameplate capacity of the generation plant, the type of generation and fuel used and some details about how the generator is to be connected to the network. Applicants for a wind generation licence must attach a map showing the location of the wind turbines.

The licence is for sought for the 'Mannum 2 Solar Farm', which is currently under construction.

The Mannum 2 Solar Farm project (MSF-2) is located at 135 Mannum Road, approximately 3km west of the township of Mannum, which in turn is approximately 65km due east of Adelaide in the Riverland region of South Australia.

The project comprises 39MW DC of solar power generation, located adjacent to the existing Stage 1 Mannum Solar Farm distribution network.

The MSF-2 scope of works comprises a PV solar farm with an AC output capacity, at 25°C, of 37,807 MVA (export limit 29.99MW). The project involves construction and installation of the following:

- **Civil works including site grades, access roads, PV panel stands, fences and foundations**
- **Photovoltaic array strings (approximately 30 panels per string)**
- **Bifacial single axis tracker systems**
- **6 power conversion stations with:**
 - **Inverter**
 - **HV transformer**
 - **Medium voltage switchgear (ring main unit)**
 - **Auxiliary equipment (communication, power, etc.)**
- **A 33kV switchroom with single circuit breaker connection from 33kV switchgear**
- **A HV connector to the adjacent SA Power Networks 33kV high voltage network**

- **Monitoring SCADA system, metering and protection equipment**

Relevant approvals for the project are in place, including the SAPN Connection Offer and Development Application, and construction is in progress.

2.3 Licensing of electricity entities

Does the applicant for a generation licence supply electricity for reward or by means of a transmission or distribution network?

Yes. MSF-2 will be directly connected to the SAPN distribution network, and electricity supply is under a Power Purchase Agreement.

3 Suitability of applicant to hold a licence

(Applicants must answer all questions in this section)

3.1 Standard of honesty and integrity shown by applicant

In deciding whether the applicant is a suitable person to hold a licence, the Commission may:

- ▶ consider the applicant's previous commercial and other dealings, and
- ▶ the standard of honesty and integrity shown in those dealings.

Please provide information that will assist the Commission in its consideration of this matter. If the applicant:

- ▶ has been found guilty of any criminal offence
- ▶ has been successfully prosecuted under any Territory, State or Commonwealth legislation (such as the *Australian Securities and Investments Commission Act 2001* or the *Competition and Consumer Act 2010*)
- ▶ has been the subject of disciplinary action, or
- ▶ has been the subject of any past or present administrative or legal actions in relation to an authorisation, authority, or licence in any industry,

Details of such matters must be disclosed. Failure to disclose such information or misrepresent any matter relevant to such information may result in the cancellation of a licence.

The Commission may use the service of an external expert to assist with the assessment of the applicant's standard of honesty and integrity.

Epic Energy Power Holdings 2 Pty Ltd, which owns the Applicant, has not been found guilty of any criminal offence or successfully prosecuted under any Territory, State or Commonwealth legislation in relation to an authorisation, authority, or licence in any industry.

However, there is one relevant previous legal matter pertaining to one of the entities in the Epic Energy Group: Epic Energy South Australia Pty Ltd (EESA) as the holder of pipeline licence PL1 for the operation and maintenance of the Moomba to Adelaide Pipeline System (MAPS) under the Petroleum and Geothermal Energy Act 2000 (SA).

On 9 December 2016 EESA was issued a complaint and summons from the Magistrates Court of South Australia regarding an incident that occurred on the Port Pirie lateral pipeline of the

MAPS on 12 April 2015 where gas supplies to the townships of Port Pirie and Whyalla were interrupted for approximately six days due to a pipeline rupture.

The allegations were that EESA had failed to conduct its regulated activity with due care to provide a reliable and adequate supply of natural gas, and that Epic had failed to conduct its regulated activity in accordance with good industry practice.

Over the course of 2017 EESA engaged openly and collaboratively with the SA Government to demonstrate that no contravention of the P&GE Act could be established. On 15 November 2017 the charges were dropped. Epic maintains a healthy working relationship with the Department of Energy and Mining as the licensing authority, and is committed to retaining its high standards of asset management as a critical player in South Australia’s energy industry and the National Electricity Market.

The Epic Energy Group has owned, operated and maintained critical energy infrastructure since the MAPS was first commissioned in 1969. Accordingly, we consider the Applicant, which is able to draw on all of that experience as a member of the wider Epic Energy Group of companies, to be a suitable applicant for this generator licence.

3.2 Standard of honesty and integrity shown by officers and major shareholders of Applicant

Applicants should address responses to this question in the same manner as 3.1 above except here it relates to officers and major shareholders of the applicant.

Please also supply details of any policies and procedures addressing the probity and competence of officers and other key management staff.

The Epic Energy Group is well known as owner and operator of energy infrastructure in South Australia and regional Victoria. The Epic Energy Group has a compliance management policy which clearly articulates the requirements for ethical and competent behaviour by all employees and officers, stating:

Under no circumstances is it acceptable for directors, officers, employees or contractors of any Epic Energy entity to knowingly, deliberately or recklessly breach Epic Energy’s compliance obligations, or act unethically in the course of performing, or advancing, Epic Energy’s business.

Attachment C contains the Epic Energy Compliance Management Policy (this information is confidential).

3.3 Names and addresses of the officers of applicant

State the names and addresses of the officers of the applicant. “officers” of the applicant include the applicant’s directors and secretary, and other persons who make or participate in making decisions that affect a substantial part of the business of the applicant.

Full name: **Ralph Craven**.....
Date of birth: **[REDACTED]**..... Office held: **Chair**.....
Address: **[REDACTED]**.....
State: **[REDACTED]**..... Post code: **[REDACTED]**.....

Full name: **Stuart Glenn**.....
Date of birth: [REDACTED]..... Office held: **Non-executive director ...**
Address: [REDACTED].....
State: [REDACTED]..... Post code: [REDACTED].....

Full name: **Shirley Robertson**.....
Date of birth: [REDACTED]..... Office held: **Non-executive director ...**
Address: [REDACTED].....
State: [REDACTED]..... Post code: [REDACTED].....

Full name: **Clive D’Cruz**.....
Date of birth: [REDACTED]..... Office held: **CEO**.....
Address: [REDACTED].....
State: [REDACTED]..... Post code: [REDACTED].....

Full name: **Leanne McClurg**.....
Date of birth: [REDACTED]..... Office held: **Company Secretary**.....
Address: [REDACTED].....
State: [REDACTED]..... Post code: [REDACTED].....

Full name: **James Adams**.....
Date of birth: [REDACTED]..... Office held: **CFO**.....
Address: [REDACTED] [REDACTED].....
State: [REDACTED]..... Post code: [REDACTED].....

Full name: **Tom Forde**.....
Date of birth: [REDACTED]..... Office held: **GM Innovation & Delivery**
Address: [REDACTED].....
State: [REDACTED]..... Post code: [REDACTED].....

Full name: **Josh Row**.....
Date of birth: [REDACTED]..... Office held: **GM Asset Management..**
Address: [REDACTED].....
State: [REDACTED]..... Post code: [REDACTED].....

3.4 Names and addresses of major shareholders of applicant

State the full names and addresses of the major shareholders of the applicant

Name: **Epic Energy Power Holdings No 2 Pty Ltd**.....
Date of birth (if applicable): Office held (if applicable):
Business address: **Level 6, 70 Franklin St, Adelaide**.....
State: **SA** Post code: **5000**

3.5 Details of the group members

This is information about entities controlled by the applicant, or by the ultimate parent entity of the applicant (if applicable).

The corporate structure diagram attached as Attachment A shows QS MAPS Holdings No. 3 Pty Ltd as the major holding company of the applicant and other entities in the Epic Energy Group. It also shows Australian Retirement Trust as the ultimate shareholder for MAPS1 and MAPS2.

3.6 Additional information

Please answer the following questions.

Is the applicant a resident of, or does it have permanent establishment in, Australia? Where the answer to this question is no, please provide further detail.

Yes (refer address details in section 1).

Is the applicant under external administration (as defined in the *Corporations Act*) or under a similar form of administration under any laws applicable to it in any jurisdiction? Where the answer to this question is yes, please provide further detail.

No.

Is the applicant immune from suit in respect of the obligations under the *Electricity Act*? Where the answer to this question is yes, please provide further detail.

No.

Is the applicant capable of being sued in its own name in a court of Australia? Where the answer to this question is no, please provide further detail.

Yes.

(Attach additional pages if necessary)

3.7 Financial resources available to the applicant

Provide information about the financial resources available to the applicant. If the applicant is a company, please also enclose:

- ▶ copies of all audited profit and loss statements and balance sheets for the last three financial years (including all notes)

- ▶ director's declaration that the financial statements comply with accounting standards, give a true and fair view, have been made in accordance with the *Corporations Act* and that there are reasonable grounds to believe the company/entity will be able to pay its debts as and when they fall due, and
- ▶ the director's report and the audit opinion.

If the applicant is a subsidiary company, please also provide:

- ▶ copies of all audited profit and loss statements and balance sheets of the applicant's parent company for up to the last three financial years.

The applicant should also submit copies of:

- ▶ its business plans including at least strategic direction and objectives, identified opportunities in the market place and forecast results, and
- ▶ evidence of capital and liquidity support in place, including any bank or cross guarantees, to support the business and evidence of negotiations with the network service provider concerning credit support arrangements.

Attachment D contains financial statements for the holding entity QS MAPS Holdings No. 3 Pty Ltd for the years ending 30 June 2020, 2021 and 2022 (this information is confidential).

Further information (e.g. business plans) can be provided if required.

3.8 Additional details of structure of applicant

If the applicant is part of a group of related companies, and/or party to a partnership, joint venture or alliance agreement with another company, please provide:

- ▶ contractual arrangements (e.g. alliance contracts, associate contracts, establishment contracts) that define relationships within the group – including shared resources, guarantees, revenue flows, obligations and or responsibilities.

Attachment E provides a managed services agreement between the Applicant and the entity within the Epic Energy Group that directly employs all staff (this information is confidential).

3.9 Human resources available to the applicant

Provide information about the human resources available to the applicant. This includes:

- ▶ the experience and qualifications of those employees outlined in the organisational chart (see point 1.7), and
- ▶ if the applicant will employ contractor/s to assist with the licensed operations, the name of that contractor/s, details about the experience of the contractor/s in such operations and details of the processes in place to ensure the contractor/s complies with the regulatory obligations imposed by the licence.

Collectively, the Epic Energy Group has extensive energy infrastructure operations and management experience, including:

- **24/7 control room for asset monitoring and incident response**

- **In-house engineering for technical support**
- **Energy Market Operations roles for settlements management and oversight of daily compliance obligations**
- **Commercial roles for customer management**
- **Power Asset manager role for operations and maintenance contractor management**
- **Other corporate roles such as risk and compliance, legal counsel, regulatory advice, and accounts receivable/payable as required**

Solar farm operations and maintenance (O&M) will be carried out by a third party under contract. The executed O&M agreement for the asset post practical completion of the current EPC project is provided as Attachment F (this information is confidential).

Electricity trading will be carried out by a third party under contract. The executed Trading Services Agreement for the asset post practical completion is provided as Attachment G (this information is confidential).

Position descriptions or resumes for any roles of interest can be supplied on request.

3.10 Technical resources available to the applicant

Applicants for a generation licence are asked to provide details about the availability of technical resources to be used in carrying out the operations for which a licence is sought. The information should include details about the technically qualified staff available to the applicant and (if relevant) details of experience gained in similar operations.

Where applicants are relying on a third party to provide staff and resources to meet the technical requirements of the generation licence, please provide:

- ▶ a list of all functions and activities being proposed to outsource
- ▶ details of any formal agreement/s to provide services, including confirmation that the third party possess relevant technical competencies to conduct the proposed activities
- ▶ a summary of the third party's technical capacity to meet relevant obligations, including relevant accreditations, and
- ▶ a summary of the third party's experience and knowledge in the relevant area.

Refer answer to 3.9 above.

3.11 Quality of electricity produced/connection agreement

The Commission may not issue a generation licence unless it is satisfied that the generating plant (or proposed generating plant) will generate electricity of the appropriate quality for the relevant transmission or distribution network. The Commission will be satisfied that the electricity is of an appropriate quality if the applicant has entered into a connection agreement, which meets the Commission's technical requirements with the licensed operator of the relevant transmission or distribution network. Applicants are therefore required to submit a copy of such a connection agreement.

Attachment H is the SAPN Connection Agreement.

3.12 Risk management

Provide confirmation and reasonable evidence that the applicant's management has identified the risks associated with electricity operations and has established, utilises and relies upon risk management systems and processes, which are adequate, accurate and current to address those risks. A copy of the applicant's risk management strategy should be submitted.

Attachment I is the Risk Management Framework.

3.13 Planning, Development and Infrastructure Act approval

Please advise if the applicant has or is applying for approval under the *Planning, Development and Infrastructure Act 2016* (SA). If so, provide details, including the date on which approval was or will be granted.

The project is part way through a staged Development Application approval process, as per information provided as Attachment J relevant to the initial permanent works construction. Separate approvals are anticipated in due course as building rules consent is granted for latter stages of construction.

3.14 Registration with Australian Energy Market Operator (AEMO)

Please advise if the applicant will apply to register with AEMO. If so, provide details. Applicants for a wind generation licence should note that registration as a semi-scheduled market participant is required for all new generators and all expansions to existing wind generation plant.

The Applicant has submitted its application for registration as an Intending Participant, per Attachment K. Any of the supporting information can be provided upon request.

3.15 Licences held by the applicant in other Australian jurisdictions.

If the applicant holds, or has previously held, electricity and/or gas licences in other Australian jurisdictions please provide details. If a licence previously held has been suspended or cancelled, please provide details.

The Applicant does not directly hold any other licences, because it is a SPV specific to the project. However, several Epic Energy Group companies hold existing licences, as provided in 3.17 below.

3.16 Previous unsuccessful licence applications in other Australian jurisdictions

Please state whether the applicant has applied for an electricity or gas licence in another Australian jurisdiction and not been issued with a licence, and provide details if relevant.

Not applicable

3.17 Licences held by associates of the applicant

If an associate of the applicant (within the meaning of the *Corporations Act*) holds an electricity or gas licence in South Australia or in other Australian jurisdictions, please provide details.

Several Epic Energy Group companies hold existing licences:

- **Mannum Solar Farm Pty Ltd (ACN 620 610 371) holds an Electricity Generation Licence issued by ESCOSA on 15 May 2019**
- **Epic Energy South Australia Pty Ltd holds pipeline licences (PL1, PL3, PL4) under the Petroleum and Geothermal Energy Act 2000 (SA)**

For these existing licences the relevant licensee is not aware of any material non-compliance matters, and the Board of the Epic Energy Group has experience with ESCOSA's annual compliance reporting obligations.

3.18 Compliance plans

Applicants are required to submit a copy of their compliance plan, which demonstrates how the compliance systems the applicant has (or will have) in place will ensure compliance with all of the applicable regulatory obligations imposed by the relevant licence.

The Epic Energy Group applies rigorous standards with respect to quality, environmental and social impacts, and workplace health and safety. Its Compliance Management Policy is provided as Attachment C. Additional relevant policy documents that apply across the Group (including the applicant) are:

- **Attachment L - Epic Energy Workplace Health and Safety Policy (this information is confidential)**
- **Attachment M - Epic Energy Environmental and Land Access Policy (this information is confidential)**

3.19 Additional information

The Commission encourages applicants to provide any additional information they consider would be of assistance in supporting the application. Please provide below.

As above in item 3.17, The Epic Energy Group already holds an ESCOSA Generation Licence for Mannum Solar Farm stage 1 (issued to Mannum Solar Farm Pty Ltd on 15 May 2019).

Since taking over ownership of the Mannum Solar Farm in November 2020, the Epic Energy Group has submitted two annual compliance reports. We are therefore familiar with the compliance obligations of the Generation Licence, and experienced in the ongoing management of these obligations.

This application for a Generation Licence is akin to extending the existing licence, in that the MSF-2 project is effectively an expansion of the existing solar farm asset on adjacent land, and the same systems, processes and resources will apply to both stages of the Mannum Solar Farm (i.e. the operational 4.95MW stage 1 asset, and the 29.99MW stage 2 asset currently under construction).

In relation to the declaration provided in Section 5, Attachment N is provided that sets out company director resolutions for the MSF-2 project. Specifically, clause 11 of the resolutions authorises the company secretary, Leanne McClurg, to execute this application given its direct relation to the applicant's obligations for obtaining approvals under the EPC Contract (referred to in clause 9.1 (a) (ii))

4 Factors specified in the *Essential Services Commission Act 2002*

In considering a licence application, the Commission must have as its primary objective protection of the long-term interests of consumers with respect to the price, quality and reliability of electricity supply, and must have regard to the need to:

- (a) promote competitive and fair market conduct
- (b) prevent misuse of monopoly or market power
- (c) facilitate entry into relevant markets
- (d) promote economic efficiency
- (e) ensure consumers benefit from competition and efficiency
- (f) facilitate maintenance of the financial viability of regulated industries and the incentive for long term investment, and
- (g) promote consistency in regulation with other jurisdictions.

If the applicant believes that information about their application would assist the Commission in its consideration of these factors, the applicant should provide such information below.

The Applicant notes Attachment O, a letter from the OTR clarifying that the MSF-2 project must be capable of providing up to 14.16MW of fast frequency response whilst operating in a curtailed mode, and confirms that this functionality is incorporated into the control system design of the asset.

5 Declaration

All information in this application for the issue of a licence to authorise electricity generation operations in the electricity supply industry in South Australia must be verified by a Statutory Declaration of the applicant, in accordance with the provisions of the *Oaths Act 1936 (SA)*⁵, stating that the information contained in the application is true and correct to the best of the applicant's knowledge, information and belief.

Where the applicant is a body corporate, evidence of the relevant authority of the declarant to sign on behalf of the body corporate must also be provided to the Commission.⁶

Statutory Declaration

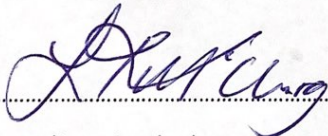
I Leanne Kim McClurg

of Level 6, 70 Franklin Street, ADELAIDE

do solemnly and sincerely declare that the information contained in this application for the issue of a licence to authorise electricity generation operations in the electricity supply industry in South Australia is true and correct to the best of my knowledge information and belief.


And I make this solemn declaration conscientiously believing the same to be true, and by virtue of the provisions of the *Oaths Act 1936*.

Date 31 March 2023

Signature 

(Where the applicant is a body corporate, the declaration must be made by a person authorised by body corporate to sign on its behalf)

Declared at: Hawthorn this 31 day of 3 2023

Before me:  Claire deKoss - Proclaimed Police officer
Pd 57486

(Signature of Justice of the Peace or other person authorised under the *Oaths Act 1936*)

⁵ or equivalent legislation in other Australian jurisdictions.

⁶ The Commission will accept a copy of a Board minute (or circulating resolution) giving approval for the declarant to sign on behalf of the applicant as evidence of the relevant authority.

Attachment 1

2017 model licence conditions for new generators⁷

1 Interpretation of this schedule

1.1 Interpretation

1.1.1 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).

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

1.1.3 For the purposes of this schedule, the term:

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

licensee means (Name of applicant)⁸

2 Disturbance ride through capability

2.1 Disturbance ride-through (voltage phase angle shift)

2.1.1 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.

3 System strength

3.1 System strength

3.1.1 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.

4 System restoration

4.1 System restoration

4.1.1 Where sufficient minimum fault level is available from online synchronous machines, the

⁷ The numbering convention of the conditions retains the numbering convention of the 2017 model licence conditions as amended in the 2019 Report [Licensing Arrangements for Generators in South Australia](#)

⁸ To be inserted by the Commission at the time the licence is issued.

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 X⁹ 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 X¹⁰ minutes while system load is being restored.

⁹ The exact duration will be specified by the Commission at the time the licence is issued.

¹⁰ The exact duration will be specified by the Commission at the time the licence is issued.



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