

South Australia

Electricity (General) Variation Regulations 2007

under the *Electricity Act 1996*

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Part 1—Preliminary

1—Short title

These regulations may be cited as the *Electricity (General) Variation Regulations 2007*.

2—Commencement

- (1) Subject to subregulation (2), these regulations come into operation on the day on which they are made.
- (2) Regulations 4 to 13 (inclusive) will come into operation on the day on which the *Statutes Amendment (Electricity and Gas) Act 2006* comes into operation.

3—Variation provisions

In these regulations, a provision under a heading referring to the variation of specified regulations varies the regulations so specified.

Part 2—Variation of *Electricity (General) Regulations 1997*

4—Variation of regulation 4—Interpretation

- (1) Regulation 4(1), after the definition of *high voltage* or *HV* insert:

installation rules of the operator of a transmission or distribution network means the requirements of the operator relating to electrical installations that must be complied with if electricity supply from the network is to be connected to the installations;
- (2) Regulation 4(1), definition of *nominal system voltage*—after "AS 2926" insert:

(as in force immediately before it was superseded)

5—Insertion of regulations 4AB, 4AC and 4AD

After regulation 4A insert:

4AB—Interpretation—definition of electrical installation

For the purposes of the definition of *electrical installation* in section 4 of the Act, a set of wires and associated fittings, equipment and accessories installed for the conveyance, control, measurement or use of electricity for general power and lighting in a place used for electricity generating operations, or incidental or related operations, is an electrical installation.

4AC—Interpretation—definition of electricity infrastructure

For the purposes of the definition of *electricity infrastructure* in section 4 of the Act, a set of wires and associated fittings, equipment and accessories installed for the conveyance, control, measurement or use of electricity for general power and lighting in a place used for electricity generating operations, or incidental or related operations, does not form part of electricity infrastructure.

4AD—Interpretation—definition of generation

For the purposes of the definition of *generation* in section 4 of the Act, the operation of a set of wires and associated fittings, equipment and accessories installed for the conveyance, control, measurement or use of electricity for general power and lighting in a place used for electricity generating operations, or incidental or related to an electrical installation is not the generation of electricity.

6—Variation of regulation 8—Carrying out certain work on public land

Regulation 8(1)—after paragraph (b) insert:

or

- (c) minor works to connect electricity supply from a transmission or distribution network to an electrical installation or proposed electrical installation.

7—Variation of regulation 10—Quality of electricity supply

- (1) Regulation 10(a)—after "AS 2926" insert:

(as in force immediately before it was superseded)

- (2) Regulation 10(a)—after "AS 2279" insert:

(as in force immediately before it was superseded)

8—Insertion of regulation 17A

After regulation 17 insert:

17A—Connection testing and inspection procedures

- (1) For the purposes of section 59(1b)(b), (1d)(d) and (1g)(b) of the Act, electricity supply from a transmission or distribution network must not be connected to an electrical installation unless the connection testing and inspection procedures of the operator of the network have been complied with.
- (2) The connection testing and inspection procedures of a network operator relating to the connection of electricity supply from powerlines designed to operate at a voltage of less than 11kV must be procedures that have been approved by the Technical Regulator.
- (3) A person who personally carries out the work of connecting electricity supply from a transmission or distribution network to an electrical installation must—
 - (a) make and sign a written record that—
 - (i) specifies the place and date at which the work has been carried out and sets out the person's full name; and
 - (ii) states that the person has complied with the connection testing and inspection procedures of the network operator relating to the work; and

- (b) provide the record—
 - (i) to the network operator; or
 - (ii) in the case of work carried out on behalf of a prescribed person (as defined in section 59 of the Act) other than the network operator, to that prescribed person.

Maximum penalty: \$2 500.

Expiation fee: \$210.

- (4) A network operator or other prescribed person who receives a record referred to in subregulation (3) must keep the record for at least 2 years.

Maximum penalty: \$2 500.

Expiation fee: \$210.

9—Variation of regulation 18—Certain electrical installation work and certificates of compliance

- (1) Regulation 18(1)(a)(ii)—delete "any requirements specified by" and substitute:
the installation rules of
- (2) Regulation 18(1)(e)—delete "61" and substitute:
61(1)
- (3) Regulation 18(1)(f)—delete "61" and substitute:
61(1)
- (4) Regulation 18—after subregulation (1) insert:
 - (1a) If a licensed electrical contractor, licensed building work contractor or registered electrical worker acquires a book of official forms that have been published or produced under the authority of the Technical Regulator for use by that person as certificates of compliance, the contractor or worker must ensure that notice of the contractor's or worker's acquisition of the book of forms is given to the Technical Regulator in accordance with the directions of the Technical Regulator, as set out in the book of forms.

Maximum penalty: \$750.

Expiation fee: \$105.

10—Insertion of regulation 18A

After regulation 18 insert:

18A—Prescribed work (section 61(4))

- (1) For the purposes of section 61(4) of the Act, work of a kind referred to in AS/NZS 3000 or any other Australian Standard or Australian/New Zealand Standard called up by AS/NZS 3000 is prescribed.

- (2) For the purposes of section 61(4) of the Act, work on an electrical installation or proposed electrical installation that is work of a kind prescribed by subregulation (1) must be carried out—
- (a) in accordance with AS/NZS 3000 and any other Australian Standard or Australian/New Zealand Standard called up by AS/NZS 3000; and
 - (b) in accordance with the installation rules of the operator of the transmission or distribution network to which the installation is or is to be connected.

11—Variation of regulation 31—Reporting of accidents

Regulation 31(1)—after "electric shock" insert:

or electrical burns

12—Variation of regulation 31A—Investigation of accidents

- (1) Regulation 31A(1)—after "electric shock" insert:

or electrical burns

- (2) Regulation 31A(2)—delete "was" and substitute:

or electrical burns were

13—Insertion of regulation 34

Part 6—before regulation 35 insert:

34—Preparation, publication and purchase of installation rules

The operator of a distribution network must prepare installation rules and—

- (a) publish the rules on an internet site to which the public has access free of charge; and
- (b) make copies of the rules available for purchase by the public for a reasonable fee (which must not exceed an amount fixed by the Commission).

14—Variation of regulation 40—Prohibition of certain activities in proximity to aerial lines and other cable systems

Regulation 40(d) and (e)—delete paragraphs (d) and (e)

15—Insertion of regulation 40A

After regulation 40 insert:

40A—Erection of conductors or other cable systems so as to cross or be attached to existing aerial lines or their supports etc

- (1) A person must not erect any conductors of circuits, or other cable system—
 - (a) so as to cross the circuit of any existing aerial line, or other cable system (whether or not they are to be attached to the same support as the existing aerial line or other cable system); or
 - (b) so as to be attached to the same support as, or share any portion of the same span as, any existing aerial line, or other cable system,unless—
 - (c) the clearances specified in the Energy Networks Association Limited *Guidelines for design and maintenance of overhead distribution and transmission lines* C(b)1, as published from time to time, will be achieved and maintained; and
 - (d) the reasonable operational requirements of the operator of the existing aerial line or other cable system will not be adversely affected; and
 - (e) the person has, before erecting the conductors of circuits, or other cable system, lodged detailed work proposals with the operator of the existing aerial line or other cable system and the operator has approved the proposals as indicating that the work would, if carried out in accordance with the proposals, meet the requirements of paragraphs (c) and (d).
- (2) The operator must, on receipt of detailed work proposals from the person (the *proponent*), consider the proposals and decide within a reasonable period whether or not to approve the proposals.
- (3) If the operator decides that the proposals should not be approved, the operator must, if requested to do so by the proponent—
 - (a) prepare written reasons for that decision; and
 - (b) provide the reasons to the proponent; and
 - (c) provide the reasons and the proponent's detailed work proposals to the Technical Regulator.
- (4) The Technical Regulator must, on receipt of the proponent's proposals and the operator's reasons, review the operator's decision.

- (5) If, on reviewing the operator's decision, the Technical Regulator decides that the proponent's proposals should be approved (with or without the imposition of conditions by the Technical Regulator), the proponent will be taken to have the approval required under subregulation (1)(e), subject to compliance with the conditions (if any) imposed by the Technical Regulator.
- (6) The Technical Regulator must allow the operator and the proponent a reasonable opportunity to make written or oral submissions before deciding on the review whether or not the proponent's proposals should be approved.

16—Variation of Schedule 2—Requirements for aerial lines

- (1) Schedule 2, Appendix, definition of *ESAA*—delete the definition and substitute:

ENA means Energy Networks Association Limited.
- (2) Schedule 2, Appendix—delete "ESAA C(b)1" wherever occurring and substitute in each case:

ENA C(b)1
- (3) Schedule 2, Appendix—delete "ESAA D(b)5" and substitute:

ENA D(b)5

17—Variation of Schedule 3—Requirements for underground lines and certain other powerlines

- (1) Schedule 3, Appendix, definition of *ESAA*—delete the definition
- (2) Schedule 3, Appendix—delete "ESAA *Guide to the Installation of Cables Underground*.....C(b)2"
- (3) Schedule 3, Appendix—delete "ESAA *Guide to the Use of Separable Connectors*.....D(b)30"
- (4) Schedule 3, Appendix—delete the heading "**Maintenance**"
- (5) Schedule 3, Appendix—delete "ESAA *Guide for the Maintenance of High Voltage Paper/Oil Insulated Cables and Accessories*.....D(b)31"

18—Variation of Schedule 4—Requirements for substations

Schedule 4, Appendix, definition of *ESAA*—delete the definition

19—Variation of Schedule 5—Requirements for earthing and electrical protection systems

- (1) Schedule 5, clause 1, definition of *ESAA*—delete the definition and substitute:

ENA means Energy Networks Association Limited;
- (2) Schedule 5, clause 8—delete "ESAA" and substitute:

ENA
- (3) Schedule 5, Appendix, definition of *ESAA*—delete the definition and substitute:

ENA means Energy Networks Association Limited;

- (4) Schedule 5, Appendix—delete "Stay wires.....ESAA C(b)1" and substitute:
Stay wires.....ENA C(b)1
- (5) Schedule 5, Appendix—delete "Step and touch potentials.....ESAA C(b)1" and substitute:
Step and touch potentials.....ENA C(b)1
- (6) Schedule 5, Appendix—delete "ESAA - *Earth Potential Rise Code of Practice*" wherever occurring and substitute in each case:
AS/NZS 3835 Earth potential rise - Protection of telecommunications network users, personnel and plant
- (7) Schedule 5, Appendix—delete "ESAA - *Earth Return High Voltage Power Lines Code of Practice*" wherever occurring
- (8) Schedule 5, Appendix—delete "ESAA Guidelines for the design and maintenance of overhead distribution and transmission lines.....ESAA C(b)1" and substitute:
ENA Guidelines for design and maintenance of overhead distribution and transmission lines.....ENA C(b)1

20—Variation of Schedule 6—Clearance from aerial lines

Schedule 6, Tables 3 and 4—delete the tables

Note—

As required by section 10AA(2) of the *Subordinate Legislation Act 1978*, the Minister has certified that, in the Minister's opinion, it is necessary or appropriate that these regulations come into operation as set out in these regulations.

Made by the Governor's Deputy

with the advice and consent of the Executive Council
on 19 April 2007

No 37 of 2007

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