



Queensland

Electricity (Voltage Limits) Amendment Regulation 2017

Subordinate Legislation 2017 No. 223

made under the

Electricity Act 1994

Contents

		Page
1	Short title	2
2	Regulation amended	2
3	Amendment of s 11 (Supply at low voltage)	2
4	Amendment of s 13 (Changes of voltage at customer's consumers terminals)	3
5	Amendment of sch 9 (Dictionary)	5

1 Short title

This regulation may be cited as the *Electricity (Voltage Limits) Amendment Regulation 2017*.

2 Regulation amended

This regulation amends the *Electricity Regulation 2006*.

3 Amendment of s 11 (Supply at low voltage)

Section 11(2) and (3)—

omit, insert—

- (2) The standard voltage for the supply, before 27 October 2018, of electricity at low voltage from a 3-phase system is—
 - (a) between a phase conductor and a neutral conductor—
 - (i) the nominal voltage stated for the system in AS 60038; or
 - (ii) 240V; and
 - (b) between 2 phase conductors—
 - (i) the nominal voltage stated for the system in AS 60038; or
 - (ii) 415V.
- (3) The standard voltage for the supply, before 27 October 2018, of electricity at low voltage from a single phase system is—
 - (a) between a phase conductor and a neutral conductor—
 - (i) the nominal voltage stated for the system in AS 60038; or
 - (ii) 240V; and
 - (b) between the phase conductors—

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- (i) the nominal voltage stated for the system in AS 60038; or
 - (ii) 480V.
- (4) The standard voltage for the supply, on or after 27 October 2018, of electricity at low voltage from a 3-phase system or a single phase system is the nominal voltage stated for the system in AS 60038.

4 Amendment of s 13 (Changes of voltage at customer's consumers terminals)

- (1) Section 13(1), after 'standard voltage'—

insert—

for the supply

- (2) Section 13(2) and (3)—

omit, insert—

- (2) For the supply of electricity at low voltage before 27 October 2018, the supply is taken to be maintained at the standard voltage for the supply if the voltage at a customer's consumers terminals—
- (a) for the standard voltage mentioned in section 11(2)(a)(i) or (b)(i) or (3)(a)(i) or (b)(i)—does not differ from the standard voltage by more than the percentage stated for the supply voltage range in AS 60038; or
 - (b) for the standard voltage mentioned in section 11(2)(a)(ii) or (b)(ii) or (3)(a)(ii) or (b)(ii)—is no more than 6% more or less than the standard voltage.
- (3) For the supply of electricity at low voltage on or after 27 October 2018, the supply is taken to be maintained at the standard voltage for the supply if the voltage at a customer's consumers terminals—

[s 4]

- (a) for supply before 1 July 2020—does not differ from the standard voltage by more than the percentage stated for the supply voltage range in AS 60038; or
 - (b) otherwise—
 - (i) is within the minimum preferred steady state median voltage and the maximum preferred steady state median voltage stated in AS 61000; or
 - (ii) if the voltage can not be maintained under subparagraph (i)—does not differ from the standard voltage by more than the percentage stated for the supply voltage range in AS 60038.
- (4) The supply of electricity at high voltage is taken to be maintained at the standard voltage for the supply if the voltage at a customer's consumers terminals is—
- (a) for the supply of electricity at a voltage of 22,000V or less—no more than 5% more or less than the standard voltage; or
 - (b) for the supply of electricity at a voltage more than 22,000V—within the margin agreed between the electricity entity and the customer.
- (5) For measuring the voltage at a customer's consumers terminals for subsection (2), (3) or (4), the methodology for the measurement of steady state voltage stated in AS 61000 must be used.
- (6) In this section—
- AS 61000** means AS 61000.3.100 (Limits—Steady state voltage limits in public electricity systems) as in force from time to time.

5 Amendment of sch 9 (Dictionary)

Schedule 9—

insert—

AS 60038 means AS 60038 (Standard voltages) as in force from time to time.

ENDNOTES

- 1 Made by the Governor in Council on 26 October 2017.
- 2 Notified on the Queensland legislation website on 27 October 2017.
- 3 The administering agency is the Department of Energy and Water Supply.

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