

Electricity Distribution Services Default Price-Quality Path (Aurora quality standard variation) Amendments Determination 2020

[2020] NZCC 28

Amendment made under section 52Q of the Commerce Act 1986 to the *Electricity Distribution Services Default Price-Quality Path Determination* [2019] NZCC 21

The Commission: Sue Begg
Elisabeth Welson
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Date of decision: 17 December 2020

Commerce Commission
Wellington, New Zealand

Electricity Distribution Services Default Price-Quality Path (Aurora quality standard variation) Amendments Determination 2020

1. Under Part 4 of the Commerce Act 1986 (the **Act**) the Commerce Commission makes the following determination:

SHORT TITLE

2. This determination is the Electricity Distribution Services Default Price-Quality Path (Aurora quality standard variation) Amendments Determination 2020.

APPLICATION

3. This determination amends the *Electricity Distribution Services Default Price-Quality Path Determination 2020* [2019] NZCC 21 (**principal determination**).

COMMENCEMENT

4. This determination comes into force on 22 December 2020.

INTERPRETATION

5. Unless the context otherwise requires:
 - 5.1 terms used in this determination that are defined in the **Act** but not in this determination have the same meanings as in the **Act**; and
 - 5.2 terms used in this determination that are defined in the **principal determination** have the same meanings as in the **principal determination**.

AMENDMENTS TO THE PRINCIPAL DETERMINATION

6. In Table 3.2.1 of paragraph (1) of Schedule 3.2, in the row labelled 'Aurora Energy Limited', replace:
 - 6.1 the **unplanned SAIDI limit** value of "81.89" with "124.94"; and
 - 6.2 the **unplanned SAIFI limit** value of "1.4687" with "2.0710".
7. In Schedule 4, replace paragraph (2) with:

"(2) Subject to clauses 10.4, 10.6 to 10.8, 10.11 and 10.12, and 10.15 to 10.18, the **SAIDI unplanned interruption target**, **SAIDI unplanned interruption collar**, and **SAIDI unplanned interruption cap** for **unplanned interruptions** during the **DPP regulatory period** are for:

 - "(a) each **non-exempt EDB**, except Aurora Energy Limited, set out in Table 4.1; and
 - "(b) Aurora Energy Limited, set out in:

- “(i) Table 4.1.1, for the period beginning 1 April 2020 to 30 September 2020; and
- “(ii) Table 4.1.2, for the period beginning 1 October 2020 to 31 March 2021.”

8. In Table 4.1 of Schedule 4, delete the row labelled ‘Aurora Energy Limited’.
9. In Schedule 4, after Table 4.1, insert the following new Tables 4.1.1 and 4.1.2:

Table 4.1.1: SAIDI unplanned interruption collar, SAIDI unplanned interruption target and SAIDI unplanned interruption cap for Aurora Energy Limited for the period beginning 1 April 2020 to 30 September 2020

Non-exempt EDB	SAIDI unplanned interruption collar	SAIDI unplanned interruption target	SAIDI unplanned interruption cap
Aurora Energy Limited	0	31.81	41.06

Table 4.1.2: SAIDI unplanned interruption collar, SAIDI unplanned interruption target and SAIDI unplanned interruption cap for Aurora Energy Limited for the period beginning 1 October 2020 to 31 March 2021

Non-exempt EDB	SAIDI unplanned interruption collar	SAIDI unplanned interruption target	SAIDI unplanned interruption cap
Aurora Energy Limited	0	53.10	62.30

10. In Table 4.2 of Schedule 4, in the row labelled ‘Aurora Energy Limited’, replace the **SAIDI planned interruption target** value of “65.32” with “102.05”.
11. In paragraph (5) of Schedule 4:
- 11.1 in subparagraph (a), replace “the lesser of” with “for each **non-exempt EDB**, except Aurora Energy Limited, the lesser of”;
- 11.2 after subparagraph (a), insert new subparagraph (aa):
- “(aa) for Aurora Energy Limited, the lesser of:
- “(i) the sum of:
- “A. $(SAIDI_{unplanned,target,pre} - SAIDI_{unplanned,assessed,pre}) * IR$; and

“B. ($SAIDI_{unplanned,target,post} - SAIDI_{unplanned,assessed,post}$) * IR; and

“C. ($SAIDI_{planned,target} - SAIDI_{planned,assessed}$) * 0.5 * IR; and

“(ii) the **revenue at risk**; and”; and

11.3 in subparagraph (b), after “in paragraph (a)”, insert “or (aa), as applicable”.

12. In paragraph (6) of Schedule 4:

12.1 in subparagraph (a), replace “the **non-exempt EDB**” with “a **non-exempt EDB**, except Aurora Energy Limited,”;

12.2 after subparagraph (a), insert:

“(aa) $SAIDI_{unplanned,target,pre}$ is the **SAIDI unplanned interruptions target** specified for Aurora Energy Limited in respect of **unplanned interruptions** beginning 1 April 2020 to 30 September 2020 set out in Table 4.1.1 of Schedule 4;

“(aaa) $SAIDI_{unplanned,target,post}$ is the **SAIDI unplanned interruptions target** specified for Aurora Energy Limited in respect of **unplanned interruptions** beginning 1 October 2020 to 31 March 2021 set out in Table 4.1.2 of Schedule 4;”;

12.3 in subparagraph (b), replace “the **non-exempt EDB**” with “a **non-exempt EDB**, except Aurora Energy Limited,”;

12.4 after subparagraph (b), insert:

“(bb) $SAIDI_{unplanned,assessed,pre}$ is, for Aurora Energy Limited, for the period of 1 April 2020 to 30 September 2020, the sum of the **SAIDI values** for **Class C interruptions** commencing within that period, where the **SAIDI value** for each 30 minute period that starts on the hour or half past the hour within a **SAIDI major event** that exceeds 1/48th of the **SAIDI unplanned boundary value** for the period of 1 April 2020 to 30 September 2020 is replaced with 1/48th of the **SAIDI unplanned boundary value** for that period; and

“(bbb) $SAIDI_{unplanned,assessed,post}$ is, for Aurora Energy Limited, for the period of 1 October 2020 to 31 March 2021, the sum of the **SAIDI values** for **Class C interruptions** commencing within that period, where the **SAIDI value** for each 30 minute period that starts on the hour or half past the hour within a **SAIDI major event** that exceeds 1/48th of the **SAIDI unplanned boundary value** for the period of 1 October 2020 to 31 March 2021 is replaced with 1/48th of the **SAIDI unplanned boundary value** for that period.”;

12.5 replace subparagraph (c) with:

“(c) where $SAIDI_{unplanned,assessed}$ is greater than the **SAIDI unplanned interruption cap** specified for a **non-exempt EDB**, except Aurora Energy Limited, for the **assessment period** set out in Table 4.1 of Schedule 4, $SAIDI_{unplanned,assessed}$ equals the **SAIDI unplanned interruption cap** specified for the **non-exempt EDB** for the **assessment period** set out in Table 4.1 of Schedule 4;” and

12.6 after subparagraph (c), insert:

“(cc) where $SAIDI_{unplanned,assessed,pre}$ is greater than the **SAIDI unplanned interruption cap** specified for Aurora Energy Limited for the period of 1 April 2020 to 30 September 2020 as set out in Table 4.1.1 of Schedule 4, $SAIDI_{unplanned,assessed,pre}$ equals the **SAIDI unplanned interruption cap** specified for Aurora Energy Limited set out in Table 4.1.1 of Schedule 4 for the period of 1 April 2020 to 30 September 2020; and

“(ccc) where $SAIDI_{unplanned,assessed,post}$ is greater than the **SAIDI unplanned interruption cap** specified for Aurora Energy Limited for the period of 1 October 2020 to 31 March 2021 as set out in Table 4.1.2 of Schedule 4, $SAIDI_{unplanned,assessed,post}$ equals the **SAIDI unplanned interruption cap** specified for Aurora Energy Limited set out in Table 4.1.2 of Schedule 4 for the period of 1 October 2020 to 31 March 2021;”.



Dated at Wellington this 17th day of December 2020

COMMERCE COMMISSION