

# Electricity Industry Participation Code Amendment (Controllable Load) 2024

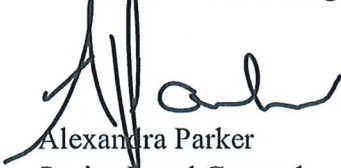
Under section 38 of the Electricity Industry Act 2010, and having complied with section 39 of that Act, I make the following amendment to the Electricity Industry Participation Code 2010.

At Wellington on the 26<sup>th</sup> day of March 2024



Anna Kominik  
Chair  
Electricity Authority

Certified in order for signature:



Alexandra Parker  
Senior Legal Counsel  
Electricity Authority

25 March 2024



Rachael Brown  
Partner  
Bell Gully

25 March 2024

## Contents

1	Title	1
2	Commencement	1
3	Code amended	2
4	Clause 1.1 amended (Interpretation)	2
5	New clause 5A of Schedule 8.3, Technical Code B inserted 5A Request to inform the system operator of available controllable load	2

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## Amendment

### 1 Title

This is the Electricity Industry Participation Code Amendment (Controllable Load) 2024.

### 2 Commencement

This amendment comes into force on 1 May 2024.

3 **Code amended**

This amendment amends the Electricity Industry Participation Code 2010.

4 **Clause 1.1 amended (Interpretation)**

In clause 1.1(1), insert in its appropriate alphabetical order:

“**controllable load**, for the purposes of Part 8, means the quantity of resources (in MW) that a **connected asset owner** estimates will be available for use by the **system operator** under a **grid emergency**. The available **controllable load** must exclude—

- (i) resources a **connected asset owner** intends to use for its own network demand management purposes; and
- (ii) any resources offered into the **instantaneous reserves** market; and
- (iii) any resources bid or offered on behalf of a **dispatch-capable load station** or **dispatch notification purchaser** or **dispatch notification generator**.”

5 **New clause 5A of Schedule 8.3, Technical Code B inserted**

After clause 5 of Schedule 8.3, Technical Code B, insert:

“**5A Request to inform the system operator of available controllable load**

- (1) A **connected asset owner** must, as soon as reasonably practicable following a request by the **system operator**, inform the **system operator** of its available **controllable load** using a method or form agreed with the **system operator**.
- (2) A **connected asset owner** must submit **difference bids** to provide the information required under subclause (1) to the **system operator**, unless the **connected asset owner** agrees an alternative form or method for providing this information with the **system operator**.
- (3) For the purposes of subclauses (4) and (5), a **connected asset owner** who submits **difference bids** to the **system operator** under subclause (1) is deemed to be a **purchaser** who purchases **non-dispatch-capable load** at a **conforming GXP** for the purposes of clauses 13.7AA, 13.7AC, 13.7AD, 13.13(2), 13.15, 13.16 and 13.19A.
- (4) If the **system operator** requests information regarding available **controllable load** under subclause (1), a **connected asset owner** who submits **difference bids** must, as soon as reasonably practicable following a request by the **system operator**—
  - (a) submit to the **system operator** for each **trading period** notified by the **system operator** a **difference bid** that represents a reasonable estimate of the available **controllable load** which the **connected asset owner** can use to decrease its demand—
    - (i) at each **conforming GXP** in the **connected asset owner’s** network or at a **conforming GXP** nominated by the **system operator** and agreed with the **connected asset owner**; and
    - (ii) for the **trading period**; and

- (iii) at a single price band of \$9,000 per **MWh**; and
  - (b) following any **difference bids** submitted under paragraph (a), submit revised **difference bids** to reflect any changes in the **connected asset owner's** estimate of available **controllable load**, as soon as reasonably practicable following such changes.
- (5) No later than 5 **business days** following a request or requirement from the **system operator** under this **technical code** to reduce or disconnect **controllable load**, a **connected asset owner** who submits **difference bids** to the **system operator** must provide data as reasonably requested by the **system operator** to enable it to confirm the **connected asset owner's** compliance with subclause (4).
- (6) For the purposes of this clause 5A and the definition of **controllable load** in Part 1, a **connected asset owner** means a **distributor** in its capacity as the owner or operator of a **local network**, but excludes—
- (a) an **embedded generator**; and
  - (b) an owner or operator of an **embedded network**.”

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## **Explanatory Note**

*This note is not part of the amendment, but is intended to indicate its general effect.*

This amendment to the Electricity Industry Participation Code (“Code”) comes into force on 1 May 2024.

The amendment amends clause 1.1 and Schedule 8.3, Technical Code B of the Code to clarify the availability and use of ‘controllable load’. The amendments allow the system operator to request that distributors provide an indication of their available controllable load by submitting difference bids to the system operator (unless an alternative form is agreed). This will provide the system operator with greater information as to the expected quantity of available controllable load that may be shed by a distributor when instructed to do so during a grid emergency.

More information about the amendments is available on the Electricity Authority’s website <https://www.ea.govt.nz/projects/all/code-amendment-omnibus/>

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