

Notice of the Electricity Industry Participation Code Amendment (Automatic Under-Frequency Load Shedding Systems) 2021

1. Under section 38 of the Electricity Industry Act 2010 (“EI Act”) and the Legislation Act 2019, and having complied with section 39 of the EI Act, the Electricity Authority (“Authority”) gives notice of making the Electricity Industry Participation Code Amendment (Automatic Under-Frequency Load Shedding Systems) 2021 (“amendment”).
2. The amendment was made on **9 November 2021**.
3. The amendment comes into force on **21 December 2021**.
4. The amendment inserts new provisions into the Electricity Industry Participation Code 2010 (“Code”) to re-introduce the regime for “automatic under-frequency load shedding” relays (AUFLS). References to extended reserve in the Code are deleted. The amendment implements the Authority’s decision to transition the AUFLS provision in the North Island to the system operator’s 4-block scheme with rate-of-change-of-frequency (RoCoF) trip settings on the fourth AUFLS block. Planning for the scheme will require that North Island connected asset owners submit their current 2-block AUFLS load data to the system operator, and then subsequently submit load data annually for periodical review by the system operator. The aim is to provide the North Island with a reliable and efficient electricity system to manage the challenges posed by the changing power system.
5. The amendment incorporates by reference in the Code the system operator’s AUFLS technical requirements report.
6. The amendment is secondary legislation for the purpose of the Legislation Act 2019 and is administered by the Authority.
7. A copy of the amendment, the Code and the AUFLS technical requirements report are available on the Authority’s website at <http://www.ea.govt.nz/code-and-compliance/the-code/>.
8. A copy of the amendment, the Code and the AUFLS technical requirements report may also be inspected free of charge or purchased from the Electricity Authority, Level 7, Harbour Tower, 2 Hunter Street, Wellington.

Dated at Wellington this 16th day of November 2021.

DR NICOLA LANE CRAUFORD, Chair, Electricity Authority.