Grid Code **Modification Proposal Form** Email to gridcode@eirgrid.com	

Title of Modification Proposal: MPID 332 Reactive Energy Definition

MPID (EirGrid Use Only): 332

Date:	11/03/2025
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Grid Code Version:	14.2
Grid Code Section(s) Impacted by Modification Proposal:	• Definition • CC.10.13.2

Modification Proposal Justification:

The purpose of the **Modification** is to add a new definition to the definitions section of the **Grid Code** for clarity and transparency.

Currently, the term Reactive Energy appears twice in the **Grid Code** in relation to metering. **Active Energy** is defined and bolded in the **Grid Code**, but Reactive Energy is not.

This **Modification** sets out to clarify this term in the definitions section, and to bold the term where applicable in the **Grid Code**.
It will allow for more of an accurate alignment with the **Metering Code**, as Reactive Energy is a defined term used in the **Metering Code.** It will remove any ambiguity, and it will not have any impact on the metering section of the **Grid Code**.

A Table Outlining the Proposed Changes:

Definition	Red Line Version Text *Deleted text in ~~strike through red font~~ and new text highlighted in blue font*	Green Line Version Text
Definitions (new addition)	**Reactive Energy** The electrical energy produced, flowing or supplied by an electric circuit during a time interval, being the integral with respect to time of the instantaneous **Reactive Power**, measured in units of kilovar-hours or standard multiples thereof, i.e.:	**Reactive Energy** The electrical energy produced, flowing or supplied by an electric circuit during a time interval, being the integral with respect to time of the instantaneous **Reactive Power**, measured in units of kilovar-hours or standard multiples thereof, i.e.:
	1000 Var-hours = 1 Kilovar-hours (kVArh)	1000 Var-hours = 1 Kilovar-hours (kVArh)
	1000 Kilovar-hours = 1 Megavar-hours (MVArh)	1000 Kilovar-hours = 1 Megavar-hours (MVArh)
	1000 Megavar-hours = 1 Gigavar-hours (GVArh)	1000 Megavar-hours = 1 Gigavar-hours (GVArh)
	1000 Gigavar-hours = 1 Teravar-hours (TVArh)	1000 Gigavar-hours = 1 Teravar-hours (TVArh)
CC.10.13.2	Sum Q is the ~~Reactive Energy~~ **Reactive Energy** exchanged with the **Demand Customer** at the **Connection Point** for the same half-hour period.	Sum Q is the **Reactive Energy** exchanged with the **Demand Customer** at the **Connection Point** for the same half-hour period.