Grid Code Modification Recommendation Form	EirGrid

Title of Recommended Proposal: MPID 332 Reactive Energy Definition

MPID (EirGrid Use Only): 332

Date:	09/05/2025
Recommended at GCRP Meeting:	27/03/2025
Grid Code Version:	14.2
Grid Code Section(s) Impacted by Recommended Proposal:	- Definition - C.10.13.2

The Reason for the Recommended Modification:

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**.

History of Progression through GCRPs, Working Group and/or Consultation:

This modification proposal was brought to the GCRP for the first time on 27th March 2025. No questions were asked, and all members agreed to submit this proposed recommendation to the CRU for their approval.

Summary Note of any Objections to the Recommended Change from GCRP Members or Consultation Responses:
No Objections were received

Outcome of any GCRP Meeting Actions Relating to the Recommended Modification:
No actions were requested

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.