

## Grid Code Modification Proposal Form

Email to [gridcode@eirgrid.com](mailto:gridcode@eirgrid.com)



**Title of Modification Proposal:** Current definition

**MPID** (EirGrid Use Only): 335

<b>Date:</b>	11/06/2025
<b>Company Name:</b>	EirGrid
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<b>Grid Code Version:</b>	14.3
<b>Grid Code Section(s) Impacted by Modification Proposal:</b>	<ul style="list-style-type: none"><li>• Definitions</li><li>• See "MPID335_Featured Locations within Grid Code" for each use case of <b>Current</b> proposed to be bolded and capitalised as part of this modification</li></ul>

**Modification Proposal Justification:**

While **Voltage** is a defined term within the **Grid Code**, the absence of a definition for electrical "current" creates a gap in the document's comprehensiveness. Electrical current is a fundamental concept in power systems, essential for understanding the flow of electricity through the grid. Therefore, it is imperative to add "current" as a defined term to ensure clarity and precision in technical discussions and documentation.

Additionally, reviewing and appropriately bolding each relevant instance of "current" based on its context will enhance the document's readability and accuracy, preventing any potential ambiguities or misinterpretations. Please view the document '*MPID335\_Featured Locations within Grid Code*' to view the additional changes that will be made to the Grid Code.

**A Table Outlining the Proposed Changes:**

Definition	Red Line Version Text <i>Deleted text in <del>strike-through red font</del> and new text highlighted in blue font</i>	Green Line Version Text
<b>Current</b>	The rate at which electric charge flows which is measured by the root-mean-square value of the positive sequence of the phase <b>Current</b> at fundamental <b>Frequency</b> .	The rate at which electric charge flows which is measured by the root-mean-square value of the positive sequence of the phase <b>Current</b> at fundamental <b>Frequency</b> .