

The defined term is used in two of the three standards posted for recirculation ballot:

- In IRO-005, the defined term is used in Requirement R1 and R2
- In IRO-014, the defined term is used in Requirement R1, R5, R6, R7 and R8

(The term is also used in IRO-001, Requirement R2 - and the revisions in IRO-001-3 standard will be posted for another comment period.)

The history of the refinement of the definition is confusing because so many of the requirements in the set of standards were shifted from one standard to another – and as you'll see, the team was not consistent in posting the definition with a single standard.

The first proposal for a revision to the definition was included in the first posting of the [implementation plan for IRO-001-2](#) - but was not prominently placed in the Definitions section of the standard. This is the original proposal:

Adverse Reliability Impact – The impact of an event that results in frequency-related instability; ~~unplanned tripping of load or generation;~~ or uncontrolled separation or cascading outages that affects a widespread area of the Interconnection.

Commenters not only made suggestions for additional revisions to the definition, they also pointed out that the definition should be included not only in the implementation plan, but also at the front of the standard.

For the [second posting of IRO-014](#) the following definition was included:

Adverse Reliability Impact – The impact of an event that results in **Bulk Electric System** ~~frequency related~~ instability; ~~unplanned tripping of load or generation;~~ or uncontrolled separation or cascading outages ~~that affects a widespread area of the Interconnection.~~

For the third posting of the standard, the only change to the above definition was to capitalize the word, "Cascading" and remove the word, 'outages.' This is the version posted with [Draft 3 of IRO-001-2](#) – showing changes to the approved definition:

Adverse Reliability Impact – The impact of an event that results in **Bulk Electric System** ~~frequencyrelated~~ instability; ~~unplanned tripping of load or generation;~~ or uncontrolled separation or **C**ascading. ~~outages that affects a widespread area of the Interconnection.~~

The version posted for recirculation ballot is unchanged from the version that was last posted for comment/ballot.

The team subdivided its edits to IRO-001-2 – the first phase includes only the removal of a single requirement as a conforming change associated with the approval of IRO-014. The more extensive changes are moving forward as IRO-001-3 and will be posted for another comment period. Because the revised definition of Adverse Reliability Impact is used in both IRO-005 and IRO-014, it was necessary to move it forward for approval with the approval of these standards. So – once again the definition was moved from IRO-001 to IRO-014. Note that there were no comments that promoted the team to revise the definition following the initial ballot and comment period. Because the definition was last included in IRO-001-2, not in IRO-014-2, when we made a redline comparison of the proposed IRO-014 to the last posted version of IRO-014, the definition appears as though it is totally 'new' – but it is unchanged. When we have the webinar, I'll see if we can reinforce this.