

Our ref: EDM 41443040  
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Dear Elizabeth

**Draft decision relating to Western Power’s March 2016 Technical Rules amendments submission.**

I refer to the Draft Decision published by the Authority on 7 September 2016 in relation to Western Power’s requested amendments, in particular to the Technical Rules Glossary definition of the term ‘*credible contingency event*’.

Following Western Power’s previous response to the Draft Decision on 29 September 2016, Western Power has undertaken further consultation and proposes the following revised Technical Rules Glossary definition, which replaces that requested in the previous correspondence.

This revision is made to clarify and replace the previous section (b), as illustrated below in underlined blue text:

<i>credible contingency event</i>	<p>A single <i>contingency event</i> of one of the following types:</p> <p>(a) for <i>voltages</i> at or below 66 kV, a three-phase to earth fault cleared by <i>disconnection</i> of the faulted component, with the fastest <i>main protection scheme</i> out of service;</p> <p><u>(b) for voltages above 66 kV:</u></p> <p><u>(1) a two-phase to earth fault cleared by <i>disconnection</i> of the faulted component, with the fastest <i>main protection scheme</i> out of service, or</u></p> <p><u>(2) a three-phase to earth fault cleared by <i>disconnection</i> of the faulted component, with the fastest <i>main protection scheme</i> out of service. This criteria is to be applied only to transmission elements where the Network Service Provider can demonstrate that the design type, environmental conditions, historic performance or operational parameters results in a material increase in the likelihood of a three-phase to earth fault occurring.</u></p> <p>(c) a single-phase to earth fault cleared by the <i>disconnection</i> of the faulted component, with the fastest <i>main protection scheme</i> out of service;</p> <p>(d) a single-phase to earth fault cleared after unsuccessful high-speed single-phase auto-reclosure onto a persistent fault;</p> <p>(e) a single-phase to earth <i>small zone fault</i> or a single-phase to earth fault followed by a <i>circuit breaker failure</i>, in either case cleared by the operation of the fastest available <i>protection scheme</i>; or</p> <p>(f) a sudden <i>disconnection</i> of a system component, e.g. a <i>transmission line</i> or a <i>generation</i> unit.</p>
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Should you have any queries with regards to these revisions, please do not hesitate to contact Mr Lindsay Offer on 9326 6303.

Yours sincerely

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**Margaret Pyrchla**  
Head of Regulatory and Investment Management (Acting)