

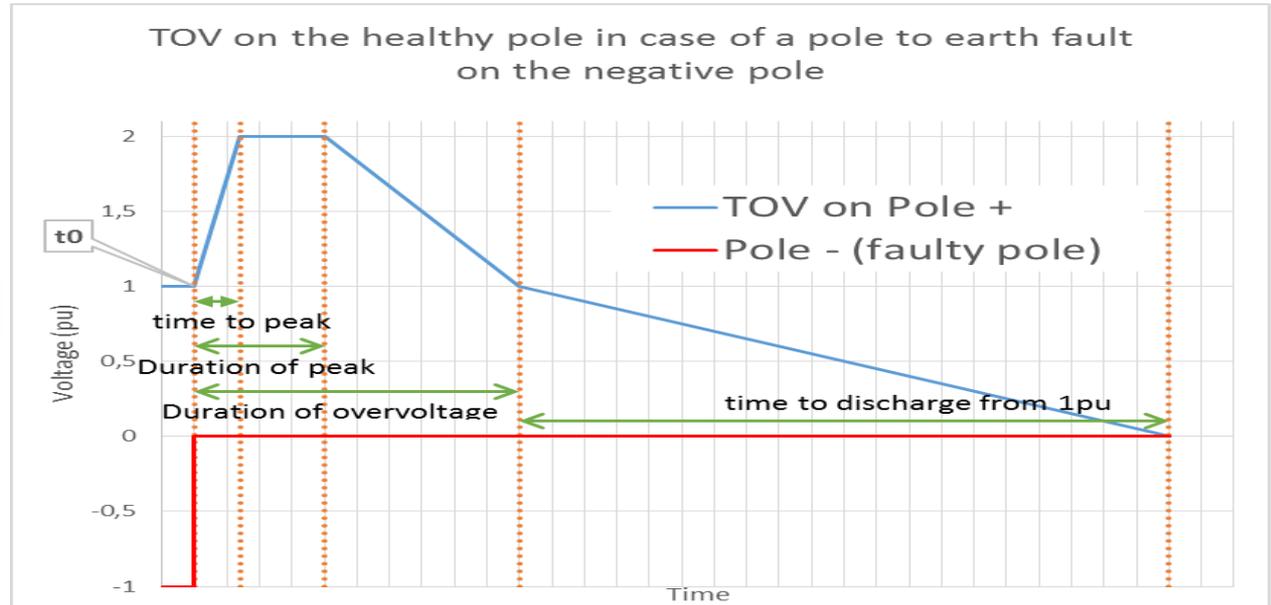
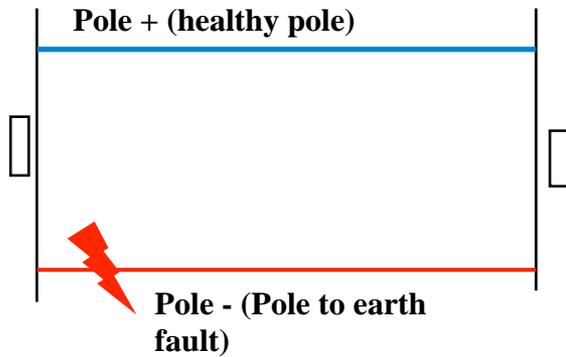
Jicable HVDC'16 Workshop

Topic 5 : Technical coordination of « cable / converters » system

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Transient Overvoltage (TOV) which happens on healthy pole during a pole to earth fault



- For a **monopole symmetric configuration**, in case of pole to earth fault, the healthy pole experiences a transient overvoltage (TOV)
- Which tests are representative of such a wave form? Is there a need to introduce/create a new test to cover this waveform?
- In term of insulation co-ordination, is there a need to limit the duration and/or the peak value of this TOV? Does it impact the values set for LIPL and SIPL?