



500kV Shunt Reactor System Interaction Transients

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JMX High Voltage

*IEEE Transformer Committee
HV and EHV Transients TF on C57.142
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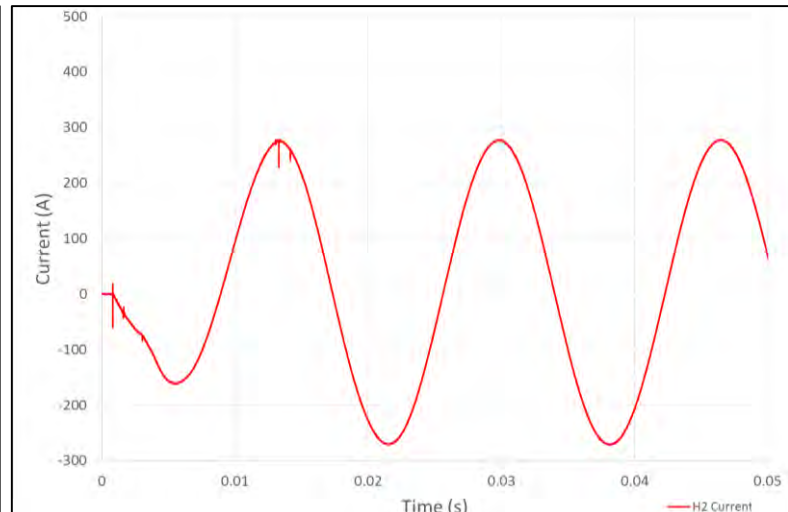
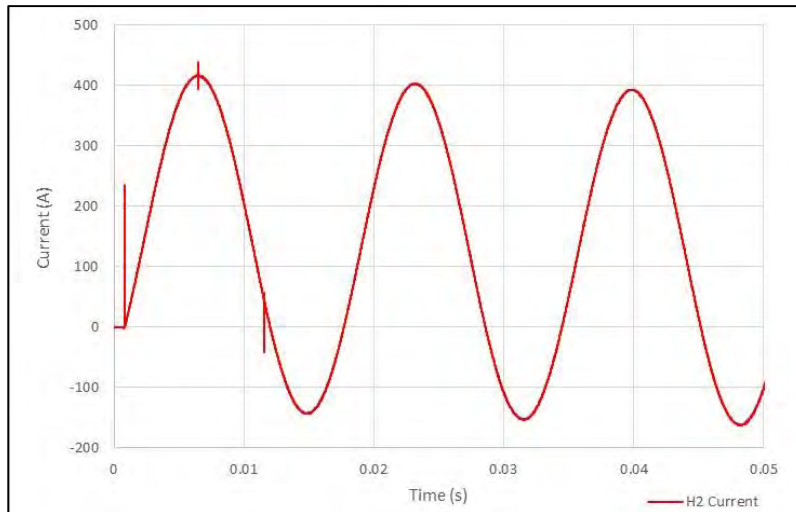
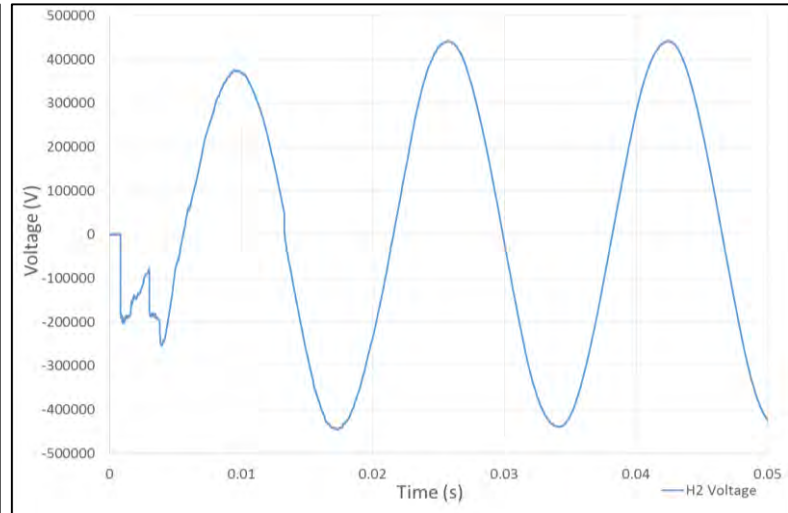
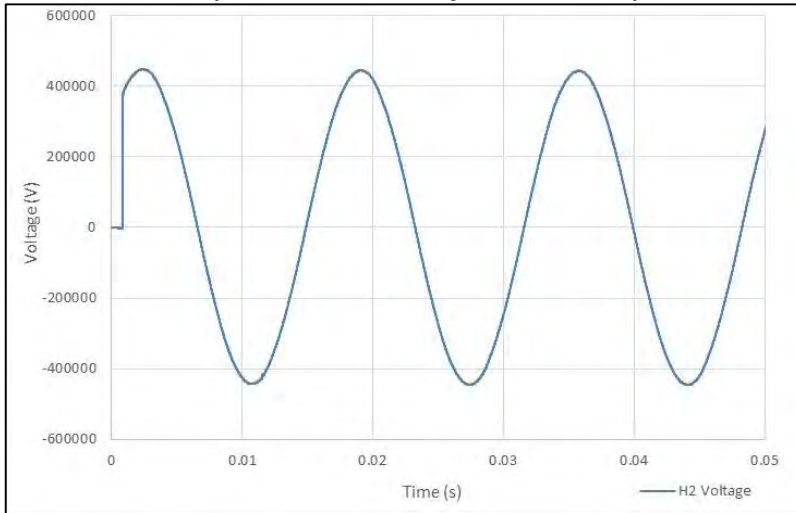
500kV Shunt Reactor Transient Monitor Installation



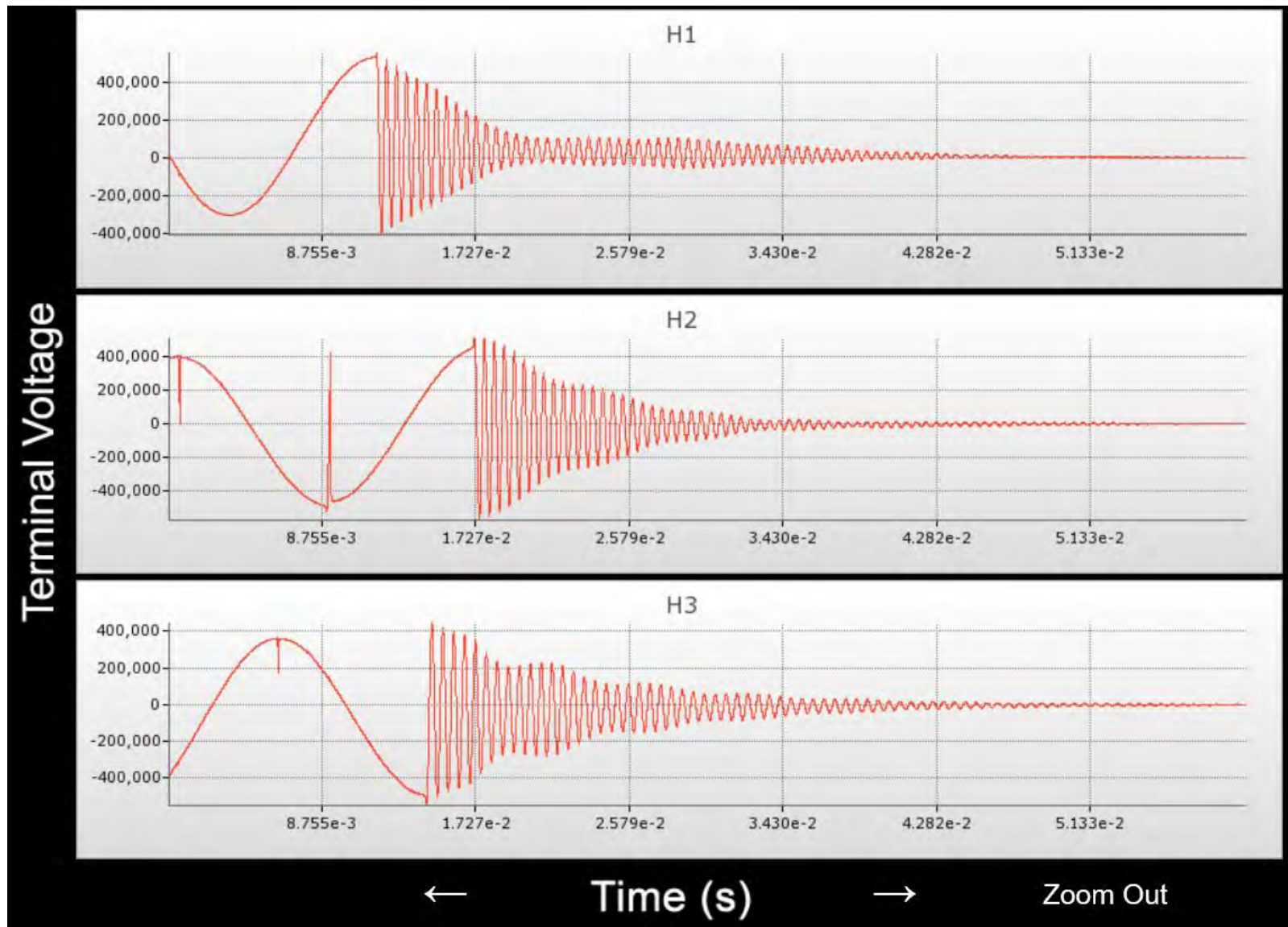
500kV Reactor Energization Transient

*Circuit Switcher Energization
(Reactor Only $\approx 700\text{ns}$)*

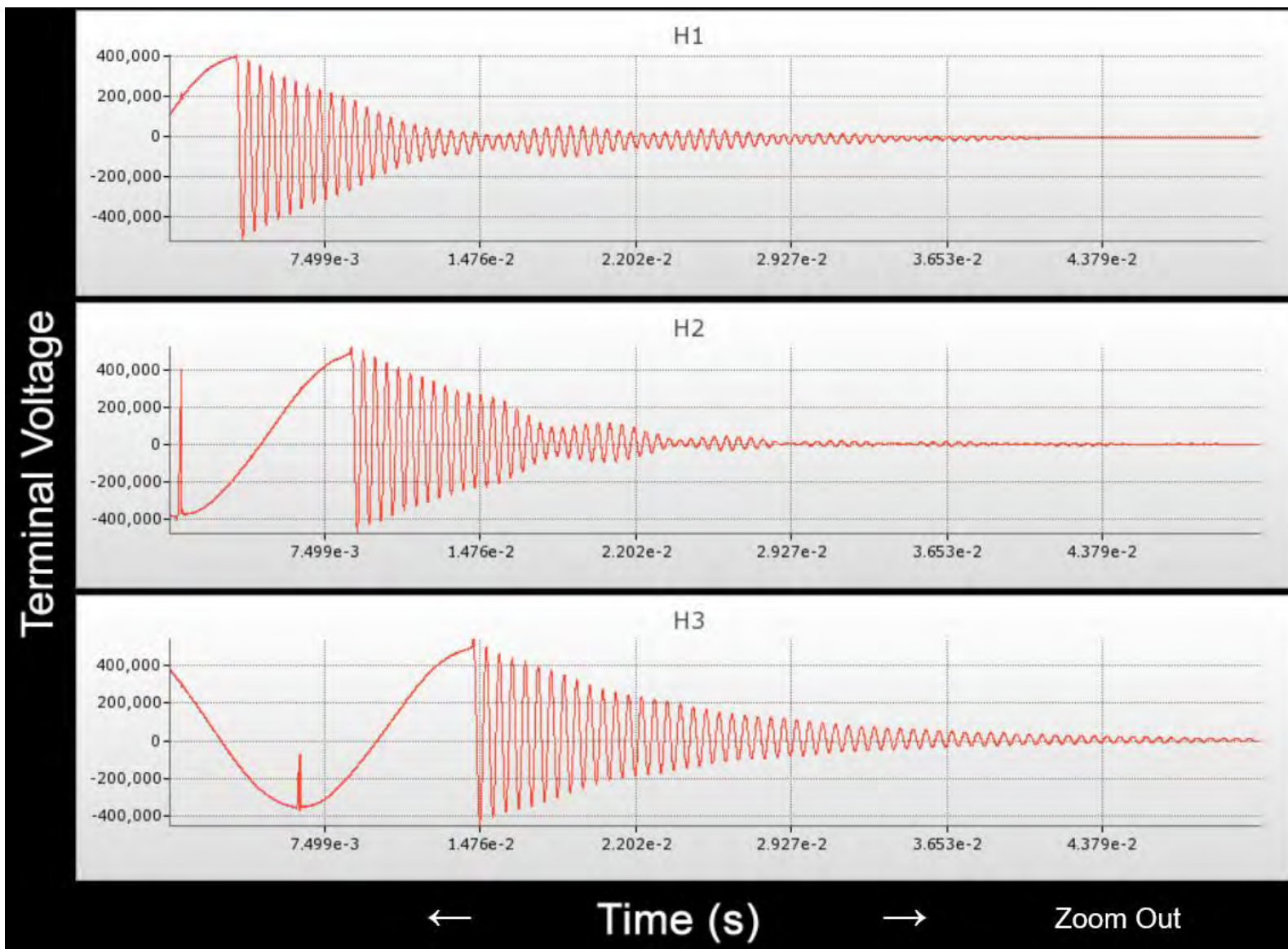
*Breaker Energization
(Reactor and Line)*



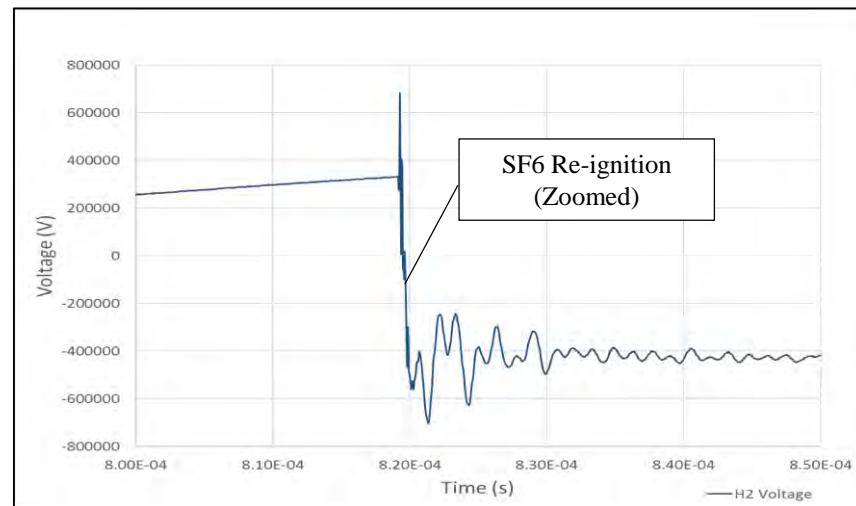
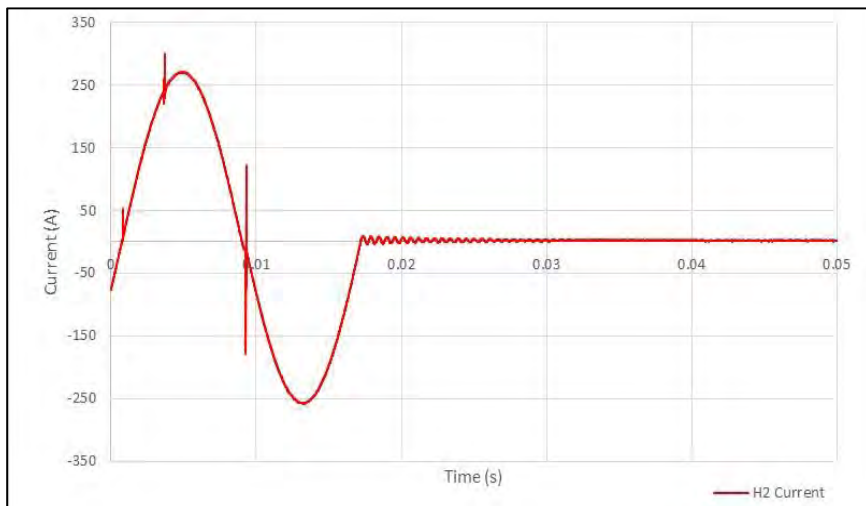
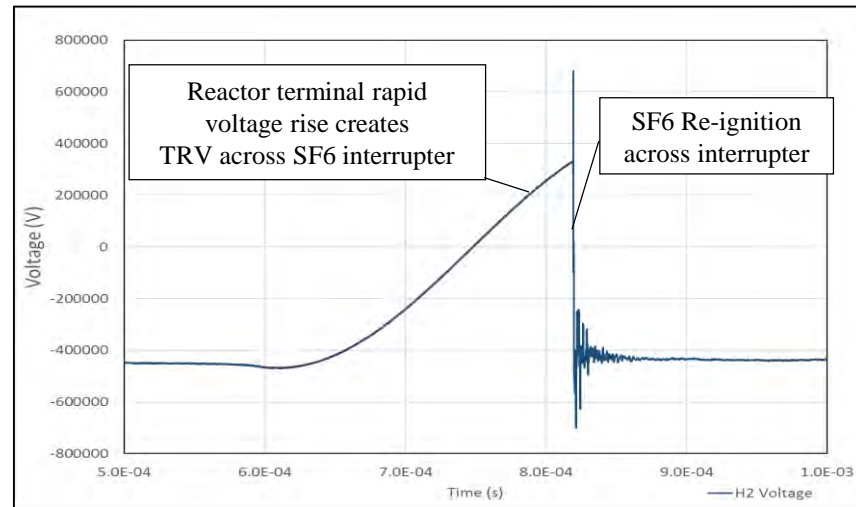
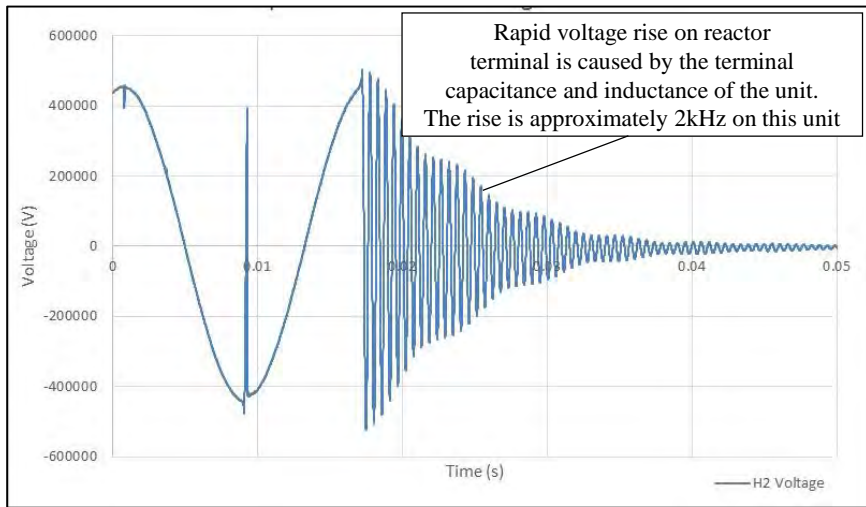
500kV Reactor 3-Phase De-Energization Transient



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500kV Reactor De-Energization Transient

(1.2MV with risetime $\approx 300\text{ns}$)

