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Reference: **WBN017**

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Type:

**Webinars**

Title:

**Understanding of the geomagnetic storm environment for high voltage power grid**

## Abstracts

The webinar is based on the content of TB 780 which collected and evaluated digitally measured magnetic field environments throughout the world, with emphasis on the larger geomagnetic storms that have occurred since 1989. This data collection effort emphasized 3 basic types of geomagnetic storm waveforms of direct interest to the electric power industry: Sudden Impulse (SI) waveforms, Electrojet waveforms, and Coronal Hole High Speed Stream (CHHSS) waveforms. Each of these types of waveforms induces different geomagnetically induced currents (GICs) that have different magnitudes, time durations and variations with latitude on the Earth.

**The downloaded document includes on the first page the link to the video, and the complete presentation in PDF format.**

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More Informations :

**File Size:4,6 MB Pages NB:44 Study Committee : C4 WG (TF):WG C4.32 Year:2020**

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