

## 885 – Transformer Overflux Protection Experience

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Abstract: The objective of this paper is to share the lessons learned for the several trips that caused by the overflux protection for the generator step-up and Auto-Transformers that took place in the facility. The system voltage is normally at 1.05pu or more due to the absence of the shunt reactors and the long unloaded HV transmission lines. There has been several interruptions whenever there is increase of the voltage due to the limitation of the transformer withstand capability curve with regards to the over-excitation. A list of recommendations have been created to help the system ride through any increase in the voltage without reaching any limits of the equipment.