

# HV Switchgear Enhanced Ratings

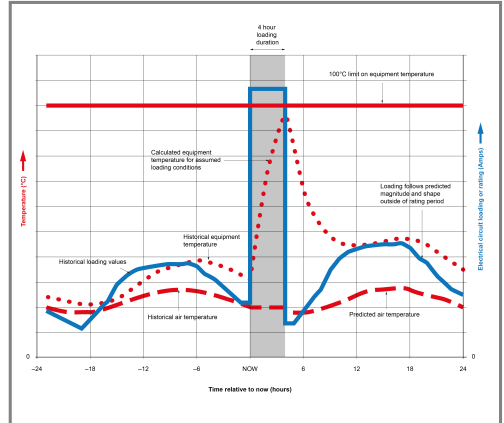
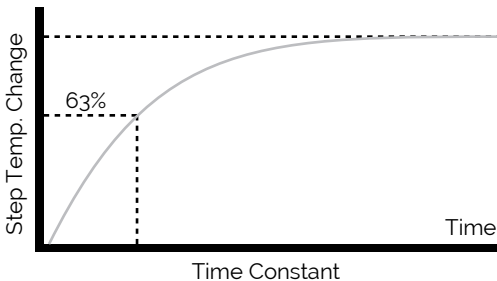


## Context:

No guidance is currently available to temporarily operate high voltage (HV) switchgear higher than its normal load current rating.

Development of a guidance document with a calculator tool could provide justification for temporary overloading situations.

“There is opportunity to provide guidance and tools that can assist network operators to justify temporary short-term overloading of certain switchgear”



No current published National/ International Standards address this this problem.

## Conclusions:

- This project will provide short-term flexibility to maintain supplies.
- It will allow supplies to be maintained following fault outages, where the network may be temporarily overloaded.
- It may assist in deferring asset replacement and the associated costs.