

RCMS Agenda Item 4.1 --- Response to Fault Current Assessment Question

(E-Mail from Zach Smith, dated June 11, 2013)

Roger,

Jim informed me of the action item from last week's RCMS to confirm which stations had overdutied breakers identified and which ones did not.

On page 7 of the report, it states that six stations were identified in NYISO's bus fault summary as having a bus fault in excess of the lowest circuit breaker rating, and required a more detailed analysis. The report goes on to state that the next step in the procedure for identifying potentially overdutied circuit breakers was to refer the results of the screening study to the facility owners for confirmation, and perform an individual breaker assessment (IBA) at each of the substations in question to determine if any of the circuit breakers were indeed overdutied. The report states that the results of the IBA showed two of the six stations with bus fault levels greater than their lowest breaker rating had any overdutied circuit breakers (and in other words, the other four stations did not have overdutied circuit breakers). This is further reflected in the last column of Attachment 1. The column is titled "Breaker(s) Overdutied (Y/N)", where a "Y" indicates there is at least one breaker overdutied and an "N" indicates there are no breakers overdutied.

Please let me know if you have any further questions about this.

Regards,

Zach Smith
Manager
Transmission Studies