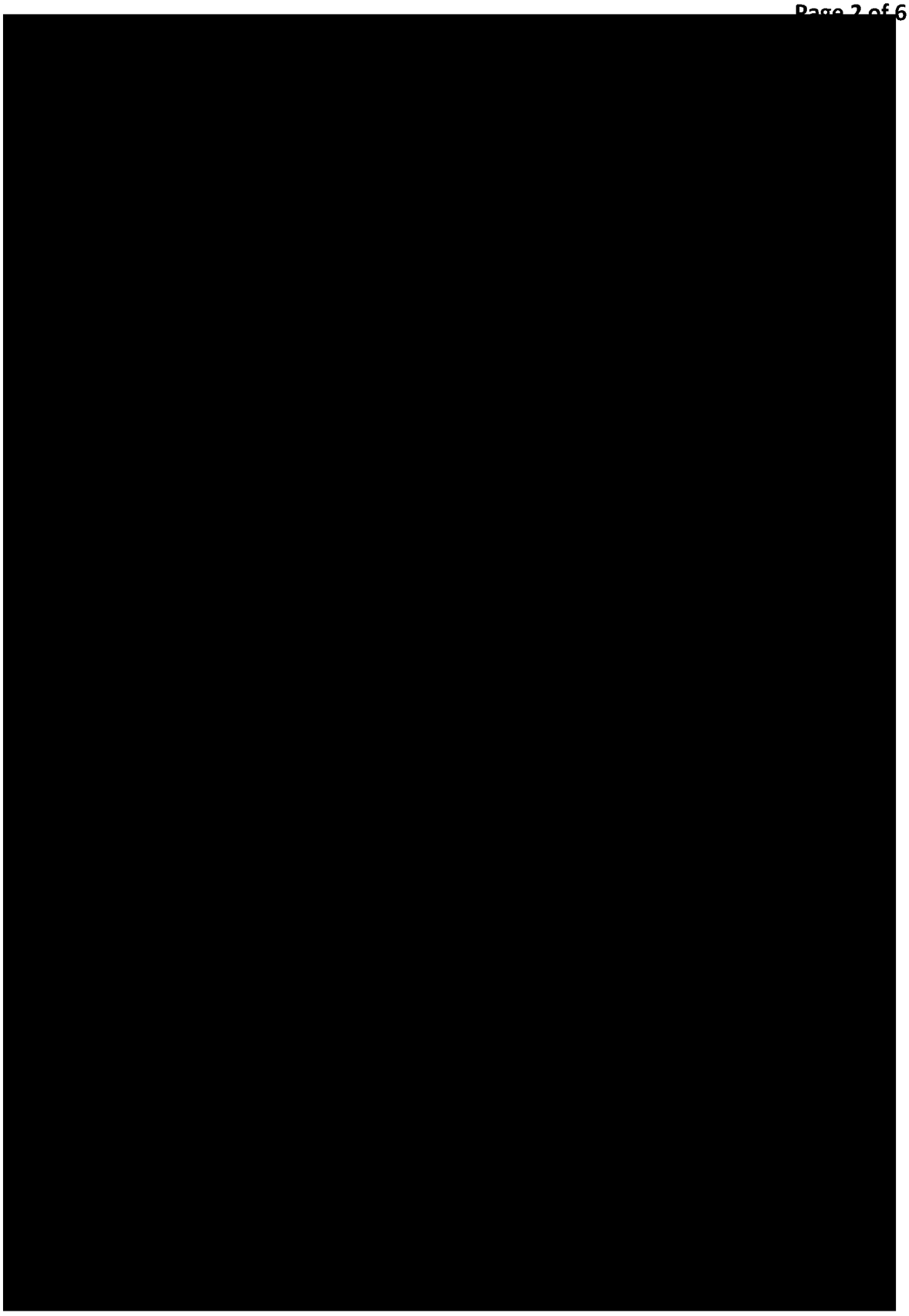
Q. It appears that in several 230 kV ring bus configurations, more than one load transformer is connected to a single node meaning that most of the load served by the affected bus configurations will be tripped for specific bus faults or for breaker fail conditions. How much load is exposed to this condition, by area?

A. As noted in Hydro's responses to CA-NLH-002 and CA-NLH-003, it has been common practice for Hydro to have more than one 230 kV transformer connected to the same 230 kV bus section such that a transformer fault, a bus fault or a breaker fail condition will result in a temporary loss of firm load until the failed component is isolated and the transformer(s) and load restored. Table 1 provides a summary of the 230 kV terminal station arrangements with transformers having this common bus configuration and the potential load loss.

This information has been redacted due to concerns as to the physical security of Hydro power system equipment. Please note that the information that has been redacted will be made available to the parties upon request and upon execution of an appropriate non-disclosure agreement.



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