

1 Q. **Asset Management**

2 Describe how (what software) and who schedules and tracks protective relay  
3 periodic testing. Include in the response who is directly responsible and who is  
4 ultimately responsible for completing relay testing consistent with schedules,  
5 whether relay maintenance data records are recorded in a computer program and  
6 whether relay test sheets are hand written or via a computer program.

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9 A. Protective relay periodic testing is scheduled and tracked by the Short Term  
10 Planning and Scheduling group in Transmission and Rural Operations (TRO) using  
11 the computerized maintenance management system (CMMS) module in Hydro's JD  
12 Edwards suite of applications. Both the direct and ultimate responsibility for  
13 completing relay testing consistent with schedules lies with the associated Work  
14 Execution group within TRO, while overall accountability lies with regional and  
15 divisional managers.

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17 Relay test results are stored in a PC based database associated with the Doble  
18 Engineering relay test set. This database is then backed-up on a corporate data  
19 storage drive. All other relay maintenance data, including record of  
20 testing/maintenance, repairs, cleaning, and work order status, resides in the JDE  
21 maintenance module. Therefore, Hydro no longer uses or archives hand written  
22 relay test sheets.