Questionnaire Regarding the Use of UFCL-limiter

Client Information

Name		Title	
Phone		Email	
Company Name		Department	

Data required for the design and quotation of a UFCL-limiter

1. Project information

Project name		Project stage	Feasibility study

2. Which parts of the system requiring protection

3. The information of the parts of systems requiring protection

Rated frequency		Breaking capacity of VCB	
Operating voltage		Maximum prospective short-circuit current	
Rated voltage			

4. Ratings of UFCL-limiter required

Operating voltage		Operating current	
Rated voltage		Rated current	
Rated frequency		Breaking capacity	
Quantity required			

Note:If more than one UFCL-limiter is required, please provide additional information in Item 11

5. We are able to deliver the UFCL-limiter in different designs, which design do you need?

- (●) UFCL mounted as loose equipment indoor
- ( ) UFCL mounted as loose equipment outdoor
- ( ) UFCL in a cubicle , fixed mounted

6. Your target price

7. Installation requirements

- It must be possible to isolate the UFCL-limiter so that the UFCL inserts can be replaced after operation of the device.
- A circuit breaker must be installed in series with the UFCL-limiter (except in cases where the UFCL is installed in parallel to a reactor).

8. In order to quote, please provide following documents:
   - Single line diagram of the system.
   - Short-circuit calculation and analysis.

9. In order to calculate the tripping and setting values we need:
   - Single line diagram of the system.
   - Initial symmetrical short-circuit current Ik“ of generators, transformers, the grid, motor contribution.
   - The permissible short-circuit current of the switchboard.
   - Rated power of motors over 2 MW connected to the same voltage level on which the UFCL-limiter is installed.
   - Rated capacity of capacitor banks and the inductance in series connected to the same voltage level on which the UFCL-limiter is installed.
   - Rated power of the biggest transformer, energised from the same voltage level where the UFCL-limiter is located.

10. Note:

    Points 1 to 6 above must be answered for an inquiry to proceed.

11. Any other relevant information about the project:

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