

**APPLICATION FORM
FOR
CREATION OF A WORKING GROUP**

CIGRE Study Committee: D1

WG number: WG D1.25 Name of Convener: Uwe Schichler (DE)	
Title: Application guide for PD detection in GIS using UHF or acoustic methods	
Terms of reference	
Background: CIGRE TF 15/33.03.05 published an ELECTRA paper in 1999 titled "Partial Discharge Detection System for GIS: Sensitivity Verification for the UHF Method and the Acoustic Method" (ELECTRA No. 183, April 1999). A revision is necessary to look for the state-of-the-art and to clarify some open questions which arised.	
Scope: The WG will summarize the return of experience for the described procedure and prepares an application guide for the UHF/acoustic PD detection sensitivity verification on GIS. Actual questions regarding retrofitting of PD monitoring systems for the installed base of GIS, the required sensitivity and the necessary number and location of UHF couplers for monitoring resp. commissioning will be answered. The actual results from TF D1.03.09 will be taken into account. Standardization of the UHF/acoustic PD detection methods is not the scope of this WG.	
Deliverables and time schedule: 2007 setting up and start of work 2010 ELECTRA paper 2010 disbanding	
Other SCs concerned by the work: SC A3, B3	
Approval by Technical Committee Chairman	Date :