







Client : _____ Date : ____/____/____

Main switchboard		Designation		
Low voltage transformer (if present)	Number of low voltage transformers			
	Are the transformers identical ¹ ?		YES / NO	
	Are the transformers always coupled? (except during maintenance)		YES / NO	
Earthing system		Earthing system	TN / TT / IT	
Mains	Mains type		Cables / Busbar	
	- If cables, diameter of the cables (not section) ²		mm	
	- If busbar, accessibility to the busbar		YES / NO	
	Number of conductors (wires or busbars) per phase			
Breaking	Presence of an available 4-pole circuit breaker		YES / NO	
	- If not, which circuit breaker should one use?			
Mechanical		Available space on « top hat » 35 mm DIN rail, 12+2,5 modules ³ (22 cm + 5 cm)	YES / NO	
Capacitor bank	Presence of at least one capacitor bank connected to the main switchboard		YES / NO	
	- If so, how many?			
	Distance between the main circuit-breaker and the capacitor bank circuit-breaker		m	
	- Distance between the main circuit-breaker and the capacitor bank		m	
	- - Number of conductors per phase			
Local production (photovoltaic panels, wind turbines, ...)	Presence of at least one production unit downstream from the main switchboard		YES / NO	
	- If so, how many?			
	- Distance between the main circuit-breaker and the capacitor bank circuit-breaker		m	
	- Number of conductors per phase			
IT	In case of LAN	Is the LAN available for metering devices ⁴	YES / NO	
		- If so, availability of a RJ45 plug near the main switchboard	YES / NO	
	In case of 3G (no LAN available)	Sufficient 3G coverage near the main switchboard		YES / NO
		- If not, what is the nearest place where 3G coverage is sufficient?		
		Distance between the main switchboard and that place	m	
		Is a single-phase power plug available at that place for modem power supply?	YES / NO	

Notes :

- 1) If the transformer secondaries are always coupled, one can only measure one of them and then multiply the measures
- 2) Please make sure you get the diameter and not the section, so that we can determine which sensor fits
- 3) If no space available, an extra housing will be needed
- 4) Outbound communication only, ports 80 and 443

In order to complete the survey, please provide us with the **wiring diagram** and the following **pictures**:

			
Either mains cables...	... or mains busbar	Main circuit-breaker, front cover off	Every circuit-breaker, front cover on, labels readable
			
Available space on DIN rail, front cover off, and selected circuit-breaker		Global view of the room	