

FORM - TECHNICAL SURVEY

smarter metering		Client : Date ://		
Main switchboard		Designation		
Low voltage transformer (if present)		Number of low voltag		
		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, acces	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		
іт	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	ne nearest place where 3G coverage is sufficient?	
		Distance betwe	en the main switchboard and that place	m
		Is a single-phas	e power plug available at that place for modem power supply?	YES /NO

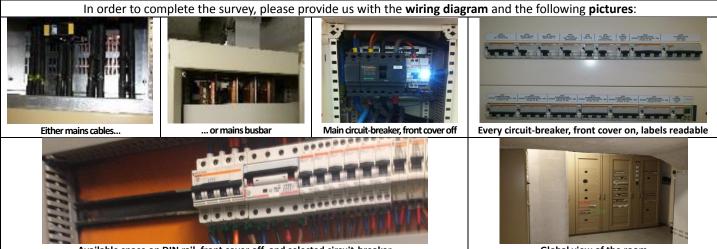
Notes :

1) If the transformer secondaries are always coupled, one can only meaure 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



Available space on DIN rail, front cover off, and selected circuit-breaker

Global view of the room

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