

Testing Charges: D2.03, AC Power & Energy Metrology

(w.e.f. 01.04.2023)

AC Energy Meters

Sl. No.	Area of Testing	Sample / Item Name	Test Parameters	Sample Requirements, if any	Testing Charges per Sample Rs	Additional Charges Rs	Description of Additional Charges	Remarks, if any	EDC
1	AC Energy Meters	1-Phase Energy meters	One Voltage*Current Range (Accuracy , voltage & frequency influence tests)		8500	2000	For each additional tests	any type of influence/tamper test	Attached on separate sheet for all items
2	AC Energy Meters	1-Phase Energy meters	One Voltage*Current Range(Accuracy ,influence tests, AC/DC magnetic tests, tamper tests, display parameters, communication capability test etc)		38700	2000	For each additional tests	any type of influence/tamper test	
3	AC Energy Meters	1-Phase energy Meters	One Voltage*Current Range (Acceptance tests)		8500	2000	For each additional tests	any type of influence/tamper test	
4	AC Energy Meters	3-Phase energy Meters	One Voltage*Current Range (Accuracy, voltage & frequency influence tests)		10500	2000	For each additional tests	any type of influence/tamper test	
5	AC Energy Meters	3-Phase energy Meters	One Voltage*Current Range (Accuracy ,influence tests, AC/DC magnetic tests, tamper tests, display parameters, communication capability test etc)		46300	2000	For each additional tests	any type of influence/tamper test	

6	AC Energy Meters	3-Phase energy Meters	One Voltage*Current Range (Acceptance tests)		10500	2000	For each additional tests	any type of influence/tamper test	
7	AC Energy Meters	3-Phase Trivector Energy Meter/ Accucheck Meter	One Voltage*Current Range (Accuracy, voltage & frequency influence test)		15000	2000	For each additional tests	any type of influence/tamper test	
8	AC Energy Meters	1/3 phase Energy Meters	One Test (One magnetic field influence test, tamper test)		3500	2000	For each additional test	any type of influence/tamper test	
9	AC Energy Meters	1/3-Phase Energy Meters	Up to 3 Tests (Starting & no-load/Insulation test/Power consumption test/Short time over current test/Influence of voltage & frequency / One tamper test/ Influence of 3rd harmonics or 5th harmonics/Voltage Dips & Short interruption tests etc.)		5000	2000	For each additional test	any type of influence/tamper test	
10	AC Energy Meters	1/3-Phase Energy Meters	Up to 3 Tests (Heating & self heating test, Repeatability test (acceptance) / DC immunity test/Impulse voltage test/ special tamper test etc.		6500	2700	For each additional test	any type of influence/tamper test	
11	AC Energy Meters	1/3-Phase Energy Meters	Up to 2 tests (Checking of display parameters / One Magnetic Influence Test and five point accuracy)		9500	4000	For each additional test	any type of influence/tamper test	

12	AC Energy Meters	1/3-Phase Energy Meters	Up to 2 Tests (Repeatability test (acceptance) / DC immunity test/ Ambient Influence Test / Data Downloading/shock/vibration		9500	4000	For each additional test	any type of influence/tamper test	
13	AC Energy Meters	1/3-Phase Energy Meters	Five Magnetic Influence (MIL) Test in one range including maximum 5 points of accuracy check (Influence of AC/DC Magnetic Field Tests)		9500	6000	For reactive energy	any type of influence/tamper test	
14	AC Energy Meters	1-Phase Energy Meters	Accuracy check		2500	2000	For each additional tests	any type of influence/tamper test	
15	AC Energy Meters	1-Phase Electromechanical Energy Meters	Accuracy & Influence test		3500	2000	For each additional tests	any type of influence/tamper test	
16	AC Energy Meters	3-Phase Energy Meters	Accuracy & influence test		5000	2000	For each additional tests	any type of influence/tamper test	
17	AC Energy Meters	1/3-Phase Energy Meters	DLMS Compliance tests of energy meters as per IS 15959/IS16444 with parameter verification		70000	5000	For each additional test requirements if any	any type of influence/tamper test	