

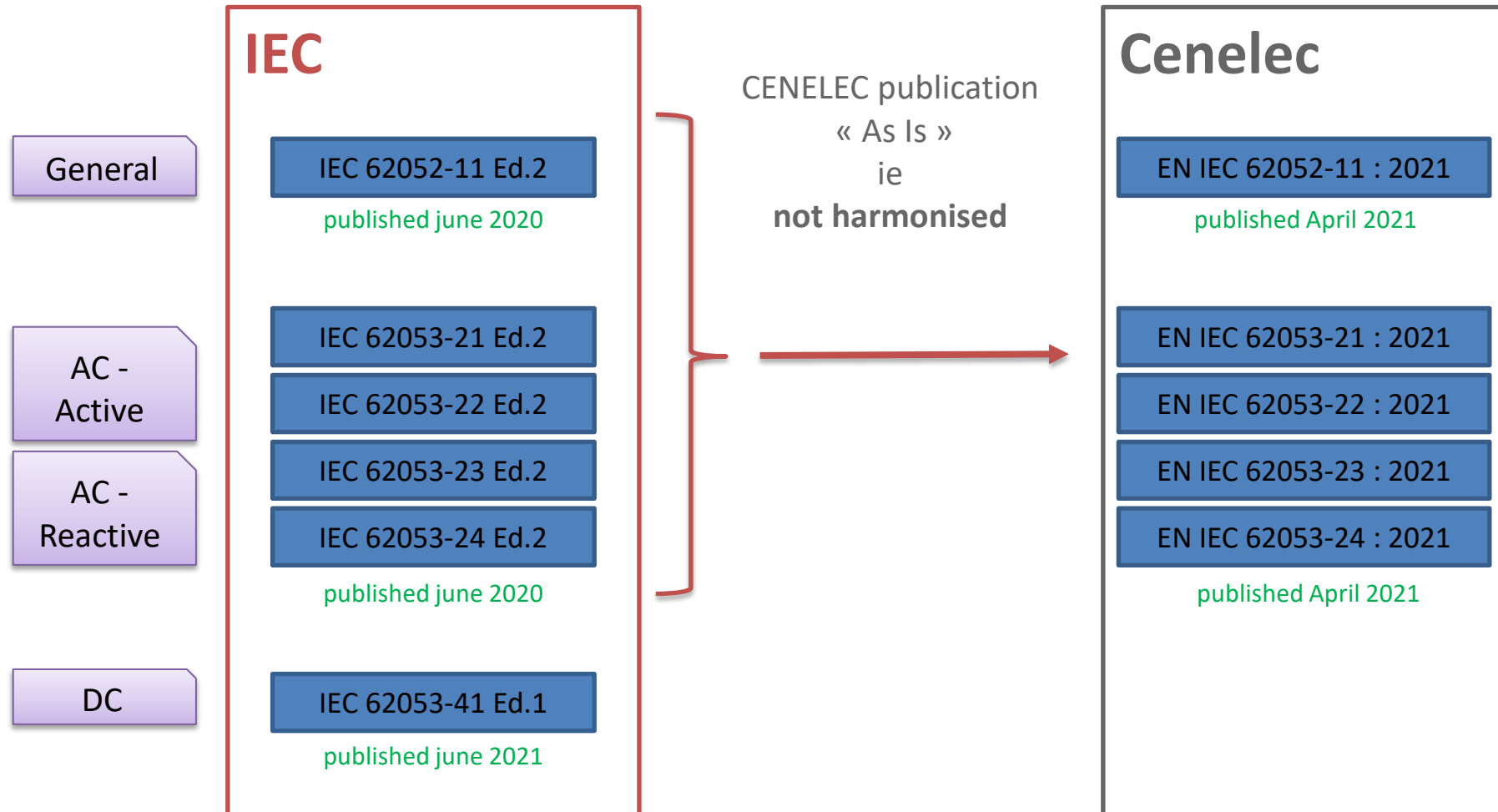
WELMEC 11 Subgroup Electricity Standard mapping IEC TC13 & ISC77A – CLC TC13X

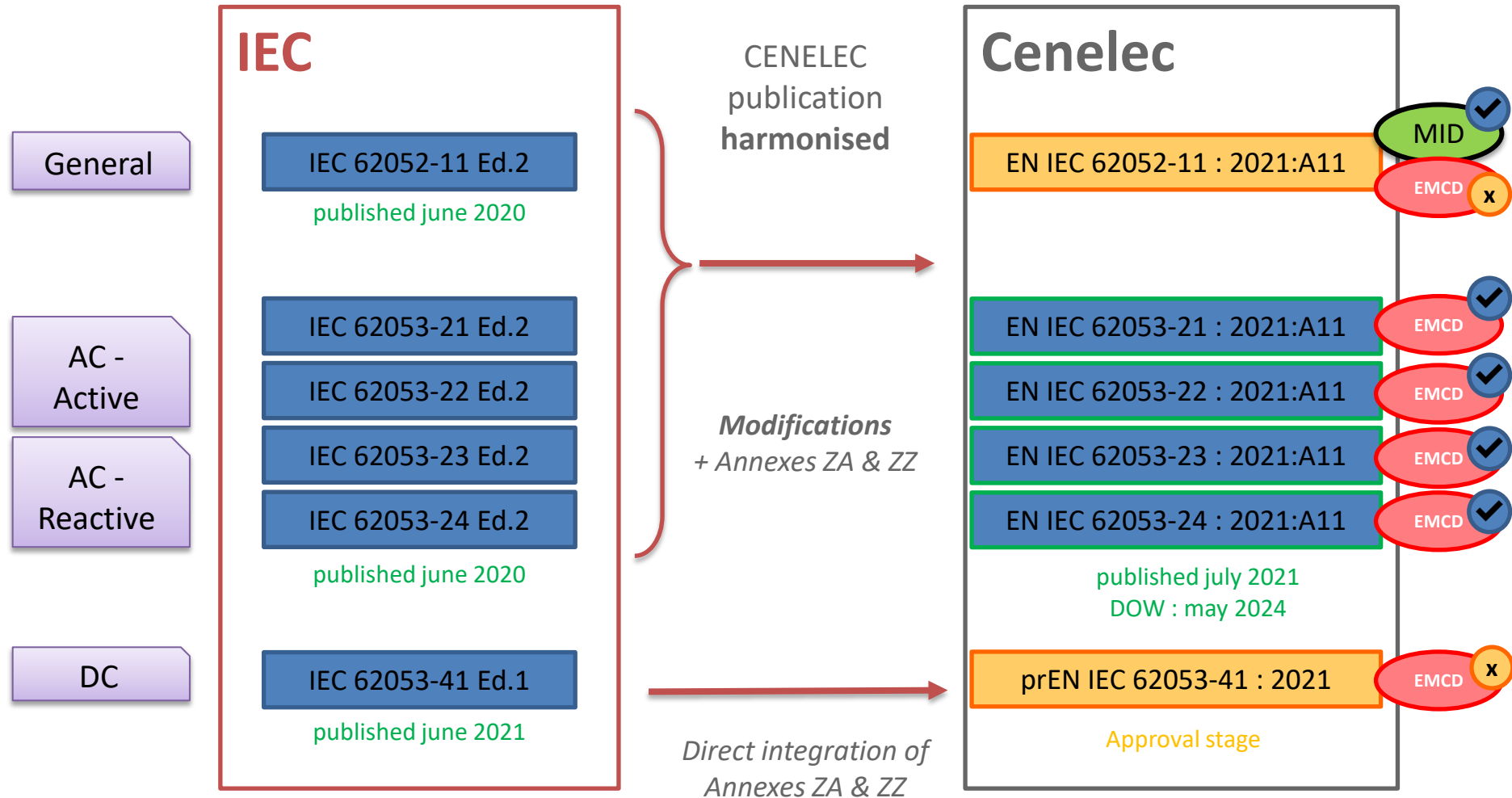
12th October 2021
Version V1 Jean-Luc Pfaff
(Gimelec)

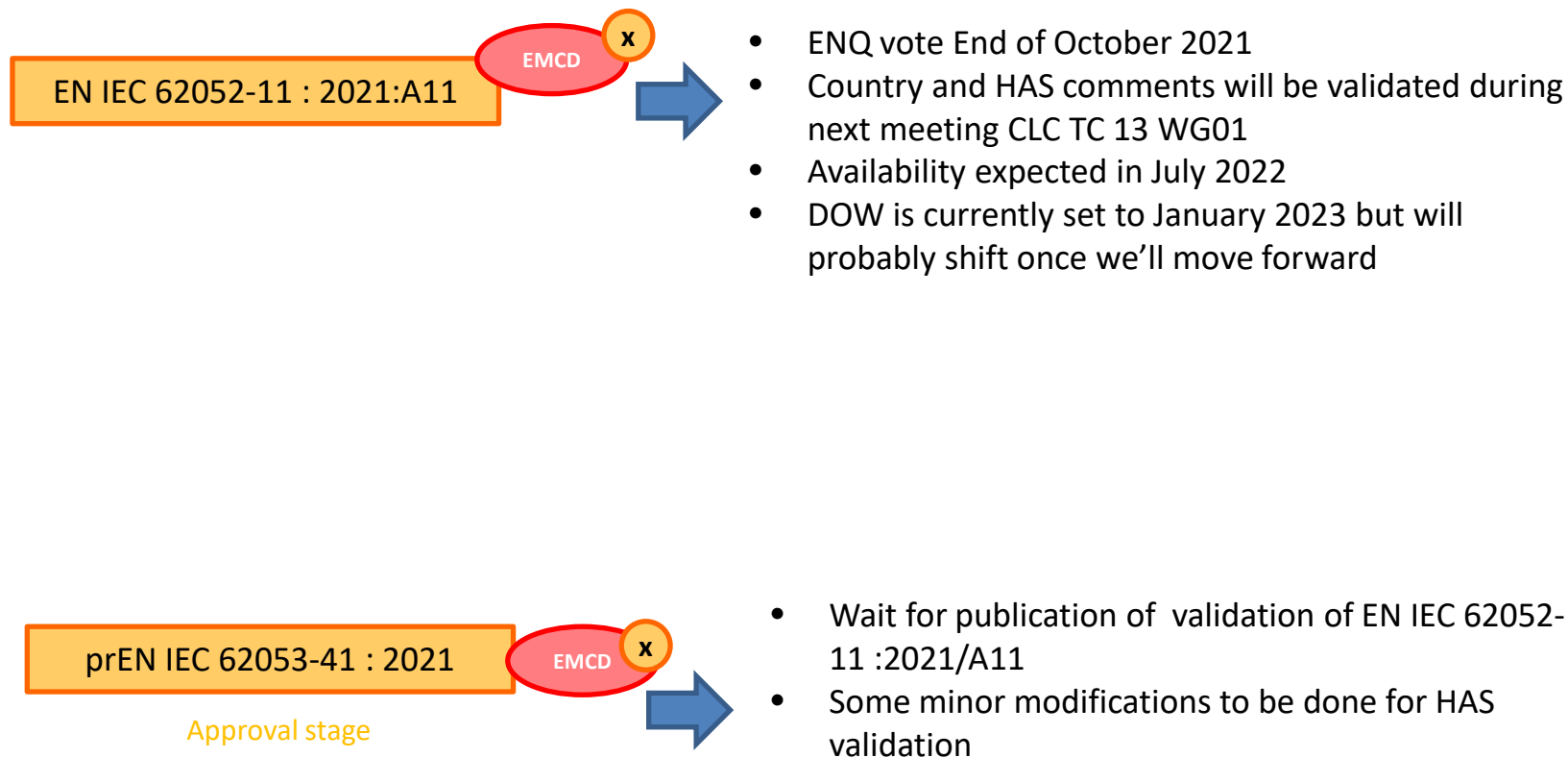
Standard	Title
IEC 62056-3-1:2021	Electricity metering data exchange - The DLMS/COSEM suite - Part 3-1: Use of local area networks on twisted pair with carrier signalling

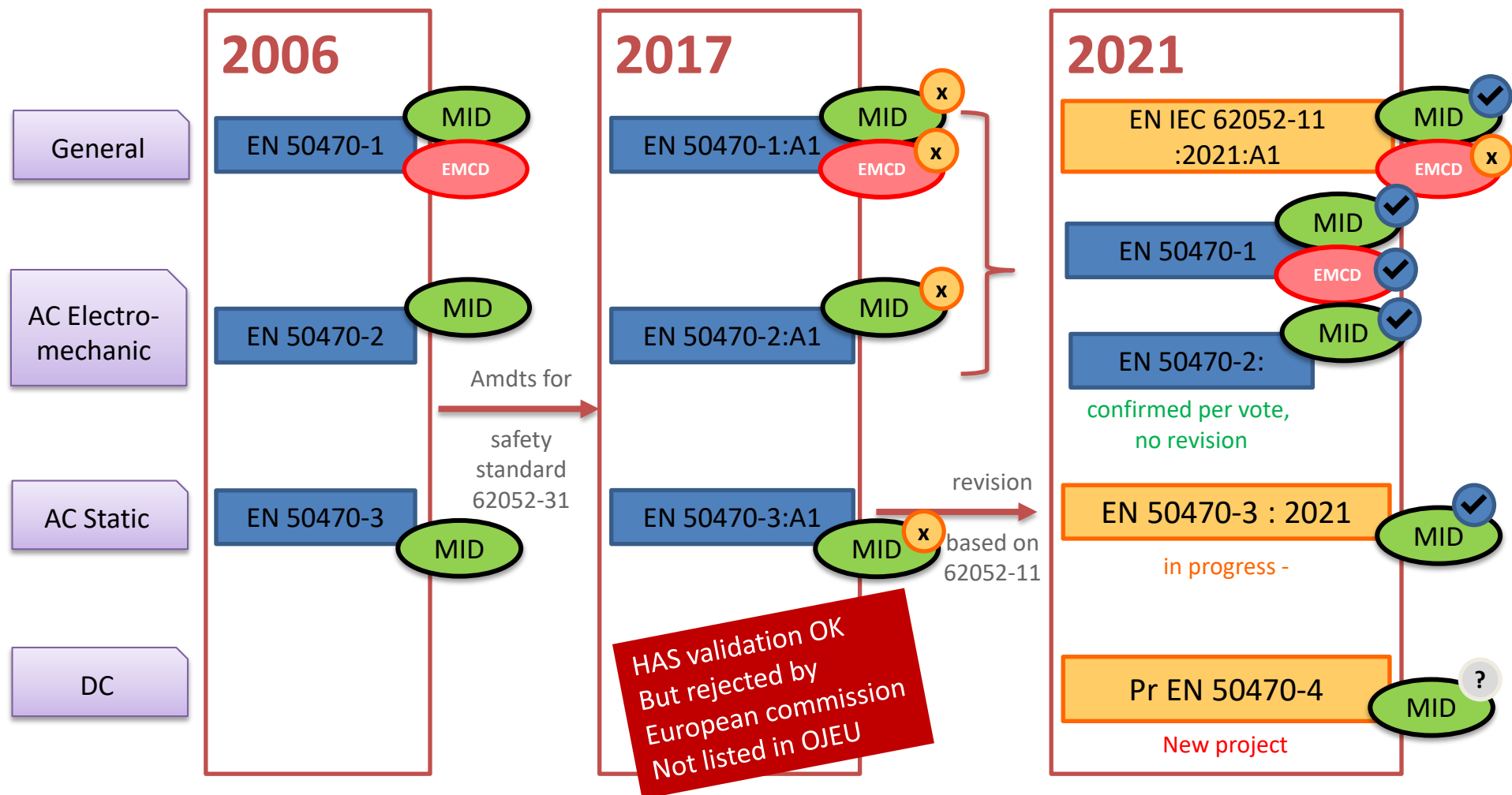
Standard	Title	Publication date
IEC 62053-31 ED2	Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 31: Product safety requirements and tests	2022-12
IEC 62052-41 ED1	Electricity metering equipment – General requirements, tests and test conditions – Part 41: Energy registration methods and requirements for multi-energy and multi-rate meters	2022-09
IEC 62055-31 ED2	Electricity metering - Payment systems - Part 31: Particular requirements - Static payment meters for active energy (classes 1 and 2)	2022-07
IEC 62055-42 ED1	Electricity metering - Payment systems - Part 42: Transaction Reference Numbers (TRN)	2022-08
IEC 62056-5-3 ED4	Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer	2022-10
IEC 62056-6-1 ED4	Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: Object Identification System (OBIS)	2022-10
IEC 62056-6-2 ED4	Electricity metering data exchange - The DLMS/COSEM suite - Part 6-2: COSEM interface classes	2022-10
IEC 62057-1 ED1	Test equipment, techniques and procedures for electrical energy meters - Part 1: Stationary Meter Test Units (MTU)	2022-06
IEC 62057-3 ED1	IEC 62057-3 ED1 Test equipment, techniques and procedures for electrical energy meters - Part 3: Automatic Meter Testing System (AMTS)	2022-09

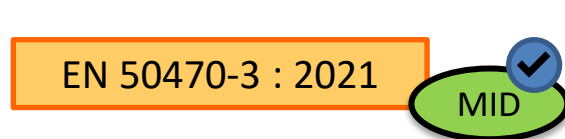
Latest news :
 PNW TS 13-1850
 ED1: Electricity
 digital revenue
 metering



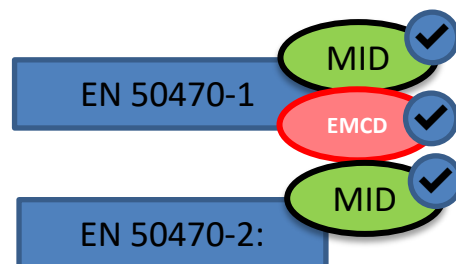








- ENQ vote End of October 2021
- Country comments will be validated during next meeting CLC TC 13 WG01
- Final draft for FV planned for end of 2021
- Availability expected in July 2022
- **Date of withdrawal in JOUE : February 2023**



- No revision , confirmed per vote,
- **Date of withdrawal in JOUE : February 2023**

13.	EN 50470-1:2006 Electricity metering equipment (a.c.) – Part 1: General requirements, tests and test conditions – Metering equipment (class indexes A, B and C)	26 February 2023
14.	EN 50470-2:2006 Electricity metering equipment (a.c.) – Part 2: Particular requirements – Electromechanical meters for active energy (class indexes A and B)	26 February 2023
15.	EN 50470-3:2006 Electricity metering equipment (a.c.) – Part 3: Particular requirements – Static meters for active energy (class indexes A, B and C)	26 February 2023

Standard	Title	Status
prEN 50470-3	Electricity metering equipment (AC) - Part 3: Particular requirements - Static meters for active energy (class indexes A, B and C)	Under Approval
prEN 50470-47	Electricity metering equipment - Part 4: Particular requirements - Static meters for DC active energy (class indexes A, B, C)	Under Drafting
EN IEC 62052-11:2021/prAA	Electricity metering equipment - General requirements, tests and test conditions - Part 11: Metering equipment	Under Enquiry
prEN IEC 62052-31	Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 31: Product safety requirements and tests	Under Drafting
prEN IEC 62052-41-ED1:2021	Electricity metering equipment - General requirements, tests and test conditions - Part 41: Energy registration methods and requirements for multi-energy and multi-rate meters	Under Enquiry
FprEN IEC 62053-41:2021	Electricity metering equipment - Particular requirements - Part 41: Static meters for DC energy (classes 0,5 and 1)	Under Approval
prEN IEC 62055-31:2021	Electricity metering - Payment systems - Part 31: Particular requirements - Static payment meters for active energy (classes 1 and 2)	Under Approval

Standard	Title	Status
prEN IEC 62055-42:2021	Electricity metering - Payment systems - Part 42: Transaction Reference Numbers (TRN)	Under Approval
prEN IEC 62056-5-3	Electricity metering data exchange - The DLMS/COSEM suite - Part 5-3: DLMS/COSEM application layer	Under Drafting
prEN IEC 62056-6-1	Electricity metering data exchange - The DLMS/COSEM suite - Part 6-1: Object Identification System (OBIS)	Under Drafting
prEN IEC 62056-6-2	Electricity metering data exchange - The DLMS/COSEM suite - Part 6-2: COSEM interface classes	Under Drafting
prEN IEC 62057-1:2020	Test equipment, techniques and procedures for electrical energy meters - Part 1: Stationary Meter Test Units (MTU)	Under Approval
prEN IEC 62057-3	IEC 62057-3 ED1 Test equipment, techniques and procedures for electrical energy meters - Part 3: Automatic Meter Testing System (AMTS)	Under Drafting
prEN IEC 62055-42:2021	Electricity metering - Payment systems - Part 42: Transaction Reference Numbers (TRN)	Under Approval

Standard	Title
IEC 61000-3-2:2018/AMD1:2020/ISH1:2021	Interpretation Sheet 1 - Amendment 1 - Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
IEC 61000-3-3:2013/AMD2:2021	Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and ≤ 75 A per phase
IEC 61000-4-30:2015/AMD1:2021	Amendment 1 - Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques - Power quality measurement methods

Standard	Title	Publication date
PWI 77A-2 ED1	IEC 61000-3-17: Electromagnetic compatibility (EMC) - Part 3-17: Limits - Limitation of voltage changes, voltage fluctuations and flicker for LV generators	
PWI TR 77A-3 ED1	Limits- Assessment of network characteristics for the application of harmonic emission limits for equipment to be connected to LV distribution systems not currently covered by IEC 61000-3-2 and/or 61000-3-12	
PWI TR 77A-4 ED1	IEC TR 61000-2-15: Description of the characteristics of networks with high penetration of power electronics equipment	
IEC TR 61000-1-4 ED2	Electromagnetic compatibility (EMC) - Part 1-4: General - Historical rationale for the limitation of power-frequency conducted harmonic current emissions from equipment, in the frequency range up to 2 kHz	2021-04
IEC 61000-2-4 ED3	Electromagnetic compatibility (EMC) - Part 2-4: Environment - Compatibility levels in industrial plants for low-frequency conducted disturbances	2019-09
IEC TR 61000-3-10 ED1	Emission limits in the frequency range 2 ... 9 kHz	
IEC TS 61000-3-16 ED1	Electromagnetic compatibility (EMC) - Part 3-16: Limits - Limits for currents produced by the inverter of inverter-type electrical energy-supplying equipment with a reference current less than or equal to 75 A per phase connected to public low-voltage systems	2020-02

dakujem Hvala vam tack
obrigado mulțumesc gracias
Ačiū Grazzi Dziękuję Ci
grazie Paldies Danke Děkuju
Hvala vam **thank**
Благодаря ти dank je
tak skal du have **you** aitäh
Kiitos Merci σας ευχαριστώ
go raibh maith agat köszönöm