



NSAI

ANNUAL REPORT 2024

NSAI TECHNICAL COMMITTEE
NSAI/ETC/TC 20 - "SMART GRIDS,
RENEWABLES, ELECTRIC VEHICLES
AND ENERGY EFFICIENCY"

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1 Introduction

NSAI/ETC/TC 20 was established as a National Mirror Committee to mirror the work of several European and international standards committees in the areas of Smart Grids, Renewables, Electric Vehicles and Energy Efficiency. The list of committees currently being followed in full or in part is listed in paragraph 3.

2 Scope of TC

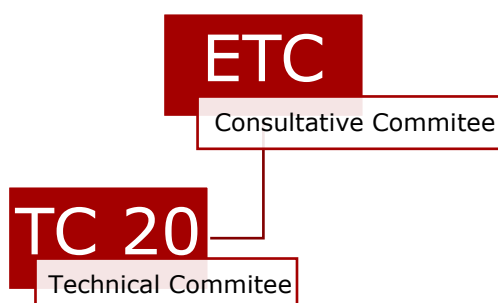
The scope of NSAI/ETC/TC 20 is to follow and contribute to the work of the CENELEC and IEC committees listed below.

Committee Name	Committee Title
CENELEC TC 8X	Systems aspects of electrical energy supply
IEC TC 8	Systems aspects of electrical energy supply
CENELEC TC 57	Power systems management and associated information exchange
IEC TC 57	Power systems management and associated information exchange
CENELEC TC 69X	Electric systems for electric road vehicles
IEC TC 69	Electrical power/energy transfer systems for electrically propelled road vehicles and industrial trucks
CENELEC TC 88	Wind Energy
IEC TC 88	Wind Energy
IEC TC 22	Power electronic systems and equipment
CENELEC TC 22X	Power Electronics
IEC TC 120	Electrical energy storage (EES) systems
CEN-CENELEC-ETSI CG-SG	CEN-CLC-ETSI Co-ordination Group on Smart Grids and Smart Meters
IEC SyC SET	Sustainable Electrified Transportation

3 Structure and Membership

3.1 Structure

The Figure below illustrates the structure of the Committee:



3.2 Member Organisations

The list below includes the member organisations at year end 2024:

Organisation	Role
ESB	Chairperson
NSAI	Secretary
Analog Devices International	Committee Member
BrightWind Analysis	Committee Member
CIMple Data	Committee Member
Munster Technological University	Committee Member
Dundalk Institute of Technology	Committee Member
EirGrid	Committee Member
Dept. of Environment, Climate & Comm.	Committee Member
Eninserv	Committee Member
ESBI	Committee Member
Evhacs	Committee Member
NUI Galway	Committee Member
Sustainable Energy Authority of Ireland	Committee Member
University College Cork	Committee Member
TB Wind Energy Consultancy	Committee Member
University College Dublin	Committee Member
Technological University Dublin	Committee Member

4 Summary of 2024 Activities

4.1 National

4.1.1 Meetings

Committee members attended the following national meetings in NSAI as follows:

Meeting No.	Date	Minutes Reference
1	24 January 2024	N 753
2	1 May 2024	N 762
3	17 September 2024	N 774

4.2 International/Regional

4.2.1 Meetings

Committee members attended various international and regional meetings throughout 2024, both virtually and in-person, across multiple working groups and technical committees.

Meetings attended:

Technical body	Location	Date	No. of attendees
CENELEC TC/8X	Virtual	27 th November	1
IEC/TC 88/MT 2	Virtual	Monthly	1 (11 meetings)

4.2.2 International/Regional Work

NSAI experts contributed to the development of various standards and technical specifications related to the electrotechnical aspects of smart and renewable Energy in 2024. Members of NSAI/ETC/TC 20 were involved in standards development work at both International and European levels, reviewing numerous standards throughout the year.

4.2.3 International/Regional Voting Results

NSAI voted on all documents at IEC and CENELEC in 2024 using a default voting strategy. NSAI/ETC/TC 20, via NSAI, actively voted on two documents in 2024:

Body	Reference	Comments	Vote
IEC	69/964/CDV	No	In favour
IEC and CENELEC	57/2670/FDIS	No	In favour

5 Irish Publications/Reviews

5.1 Publications

The Committee did not publish any deliverables this year.

5.2 Reviews

The Committee did not review any Irish national deliverables.

6 Work programme for 2025 onwards

The committee will continue to review its scope and structure in 2025 with a view to rationalise and improve engagement with international standardisation work.