



NSAI
Standards

Annual Report 2019

NSAI ETC TC 03

National Standards Authority of Ireland (NSAI)
Electrotechnical Committee (ETC) Technical Committee (TC) 03

Power Installations Exceeding 1 kV a.c. (1.5 kV d.c.)

1. Scope

NSAI ETC TC 03 is responsible for the maintenance and revision of the standards for electrical installations exceeding 1kV a.c. (1.5kV d.c.)

Standards are available from www.standards.ie.

1.1. International TCs Mirrored

These are the following committees mirrored in full or in part by the TC:

- CENELEC TC 99X: Power installations exceeding 1 kV a.c. (1,5 kV d.c.)
- CENELEC TC 99X WG 01: Earthing aspects
- IEC TC 99: System engineering and erection of electrical power installations in systems with nominal voltages above 1 kV a.c. and 1,5 kV d.c., particularly concerning safety aspects
- IEC PC 127: Low-voltage auxiliary power systems for electric power plants and substations

1.2. Irish Industry/Sector

A range of stakeholders are represented including Electric Utilities (ESB and EirGrid), Public Sector (HSE), Electrical Contracting, Large industry, Consulting Engineers, Equipment Suppliers.



2. Review of the Year 2019

The full Technical Committee met three times in 2019 with additional side meetings following the formation of a new Working Group to focus on Earthing Aspects. Additional editing sessions were also held for the review of S.R. 61936 in preparation for its publication.

The Committee's main focus was on the final editing of Standard Recommendation S.R. 61936 "Guidelines on the application of I.S. EN 61936-1:2010&A1:2014, Power installations exceeding 1 kV a.c. - Part 1: Common rules". This was published in November 2019. Subsequently, ET 103 was withdrawn by NSAI.

The newly established international project committee IEC PC 127 "Low-voltage auxiliary power systems for electric power plants and substations" was also brought within the scope of the NSAI ETC TC03 and a representative from the National Mirror Committee was nominated to the Chair of IEC PC 127.

3. NSAI ETC TC 03 Membership 2019

The list of current committee members is below. The committee's membership increased overall.

Name	Organisation represented	Role
Kevin O'Connor	ESB Networks	National chairperson
Noleen Campbell	NSAI	National secretary
Ciaran Allen	Consultant	National committee member
Andrew Coffey	Mott MacDonald	National committee member
Neil Cowap	Aecom	National committee member
Hugh Cunningham	ESB International	National committee member
Dermot Dorgan	ESB International	National committee member
Conor Farrell	EirGrid	National committee member
Kieran French	TLI	National committee member
Philip Hicks	Hivar Engineering	National committee member
Tom Keane	Mott MacDonald	National committee member
Michael Maher	ESB International	National committee member
Kenny McDonnell	ENERCON	National committee member
James Moran	Suir Engineering	National committee member
Paul Moran	EirGrid	National committee member
Michael O'Hara	O'Hara Engineering	National committee member
Brian Perry	ESB International	National committee member
Dejan Stojanovic	SIRO	National committee member
Colm Twomey	ESB International	National committee member
John Whelan	ESB International	National committee member
<i>New members</i>		
Chris McLoughlin	IET Ireland	National committee member
Padraig Plunkett	Kilbride Power	National committee member
Brendan Redington	HSE	National committee member
CJ Roy	ESB International	National committee member

4. International Meetings

Committee members attended international CENELEC (CLC) and IEC meetings as follows:

Committee Name	Location	Date	Name of Attendee
CLC/ TC99X/ WG 01 Earthing aspects	Bergen, Norway	26-27 March 2019	Neil Cowap
CLC/ TC99X/ WG 01 /SWG 05 "Soil Resistivity"	Bergen, Norway	26-27 March 2019	John Whelan
CLC/ TC99X/ WG 01 Earthing aspects	Paris, France	23-25 September 2019	Neil Cowap
CLC/ TC99X/ WG 01 /SWG 05 "Soil Resistivity"	Paris, France	23-25 September 2019	John Whelan

5. National Meetings

Committee members attended the following national meetings in ESB Networks premises as follows:

Meeting No.	Date	Minutes Reference
1	7 March 2019	N1114
2	13 June 2019	N1117
3	12 December 2019	N1127

6. Programme for Coming Year 2020

Following the publication of S.R. 61936, a number of public awareness activities and events are planned for 2020. This will include the socialising of the Standard Recommendation through social media platforms as well as traditional media trade magazines. Lectures are planned with organisations such as IET Ireland in order to engage directly with stakeholders and raise public awareness about the contents relevant to Irish industry.

Continued attendance and contribution to CLC/ TC99X/ WG and SWG on EN 50522 is planned throughout 2020. As IEC TC 99 will be hosted in Europe in 2020, it is planned to send a representative to this meeting also.

The committee also plans to engage with the CRU in order to keep it informed of the standards that are being developed and used in this area.

7. Additional Information

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