

BUREAU OF INDIAN STANDARDS**AGENDA**

Name of the Committee	No. of Meeting	Day	Date	Time	Venue
Power Capacitors Sectional Committee, ETD 29	24 th	Friday	06-12-2024	10: 30 h	Central Power Research Institute, Bengaluru

Chairman: Dr T Bhavani Shanker

Member Secretary: Shri Nitish Kr Jain

Item 0 GENERAL**0.1 WELCOME AND OPENING REMARKS BY THE CHAIRMAN****Item 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING**

1.1 The minutes of the last meeting (23rd meeting) of Power Capacitors Sectional Committee ETD 29 held Online on 27-06-2024, were circulated vide BISDG letter No. ETD 29/A-2.23 dated 10-07-2024.

No comments have been received.

The Committee may formally confirm the minutes.

Item 2 COMPOSITION OF POWER CAPACITORS SECTIONAL COMMITTEE, ETD 29

2.1 The present composition and attendance of previous 2 meetings are given in Annex 1.

2.2 Cooption request accepted by IIT Ropar. 1) Prof. C C Reddy and 2) Prof. Rohit Sharma

Item 3 OVERVIEW OF THE ACTIVITIES OF THE COMMITTEE

3.1 The present position of work under Power Capacitors Sectional Committee ETD 29 is given below:

Sl. No.	Item No. of Last Minutes	ITEM	Decision Taken in Last meeting	Action Taken/ Required
1.	3.1.3	IS 11548: 1986 Specification For Capacitors For Surge Protection For Use In Voltage System Above 650 V and upto 33 KV EPCOS submitted a report of proposed changes in the standard.	The committee requested Shri Sachin to share the draft at the earliest making necessary changes as suggested during the meeting and send the draft document to BIS for circulation as P-draft.	<i>Draft document awaited.</i>
2.	3.1.7	IS 13666 : 1993, Energy Storage Capacitors - Specification	Shri Ravindra Sharma, BARC informed that the draft will be completed by next 3 months.	<i>Draft document awaited.</i>

3.2 The program of work under Power Capacitors Sectional Committee, ETD 29 is placed at Annex 2.

Item 4 REVIEW OF INDIAN STANDARDS FOR REVISION/ REAFFIRMATION

4.1 As per the guidelines, published Indian Standards should be reviewed after every five years. If no revision is called for, standard(s) may be re-affirmed. Reaffirmation of the standards(s), however, does not prevent from these standard(s) being taken up for revision.

No standards are due for review.

The committee may note.

4.2 Panel/ Working Groups to be created to strengthen the work of the committee

Sectional Committee	IEC	Sectors	Sub-Sectors	Working Panels/Working Groups	No. of Standards		
					Indigenous	Adopted	Modified
ETD29	TC 33	Series capacitor banks and protective equipment		Panel 1 (Composition to be created)		1. IS/IEC 60143-1 : 2015 2. IS/IEC 60143-2 : 2012 3. IS/IEC 60143-3 : 2015 4. IS/IEC 60143-4 : 2010 5. IS 9835 (Part 2) : 2021	
		Power electronics capacitors		Panel 2 (Composition to be created)	1. IS 13666 : 1993	1. IS/IEC 61071 : 2017	
		Shunt power capacitors for AC systems		Panel 3 (Composition to be created)		1. IS 13340 (Part 1) : 2024 2. IS 13340 (Part 2) : 2024 3. IS 13585 (Part 1) : 2012 4. IS 13585 (Part 2) : 2013 5. IS 13585 (Part 3) : 2013 6. IS 13925 (Part 1) : 2012 7. IS 13925 (Part 2) : 2002 8. IS 13925 (Part 3) : 2002 9. IS 13925 (Part 4) : 2013	

	Coupling capacitors and capacitor dividers		Panel 4 (Composition to be created)	1. IS 11548 : 1986	1. IS/IEC 60358-1 : 2012 2. IS/IEC 60358-2 : 2013 3. IS/IEC 62146-1 : 2013 4. IS/IEC 62146-2 : 2023	
	Special applications		Panel 5 (Composition to be created)	1. IS 16636 : 2017	1. IS 15395 : 2003 2. IS 15406 (Part 1) : 2003 3. IS/IEC 60110-1 : 1998 4. IS/IEC/TS 60110-2 : 2000 5.	1. IS 13203 : 1991
	AC motor capacitors		Panel 6 (Composition to be created)		1. IS 2993 (Part 1) : 2024 2. IS 2993 (Part 2) : 2024	

Item 5 INTERNATIONAL ACTIVITIES

5.1 India is a 'P' member of IEC TC 33. The publications issued and position of work of IEC/TC 33 can be accessed with the hyperlink:

- [WORK PROGRAMME IEC TC 33](#)
- [PUBLICATIONS IEC TC 33](#)

5.2 As a 'P' member of above IEC/TC 33, India has an obligation to send voting on IEC drafts and comments wherever necessary. The details of voting/comments sent since the last meeting of ETD 29 is given in Annex 3.

The committee may note.

5.3 All IEC ballots are uploaded on BIS IR portal which can be accessed through your login id and password.

Login to BIS portal -> Select International Relations Portal (wait for it to login, it will automatically log in) -> Go to ballots -> Select ballot you wish to review-> Submit your comments/responses on the portal itself.

Kindly note that all future IEC ballot circulations shall only be through this portal and not through email and all comments are to be submitted on IR portal only.

5.4 Review of Nominated Experts in IEC TC 33

SI No.	Experts	WG/MT/PT
1.	Mr Vaibhav Raghunath Kulkarni Mr T Bhavani Shanker	MT 13 Series capacitor banks and protective equipment
2.	Mr T Bhavani Shanker Mr V Vaidhyanathan	MT 18 Power electronics capacitors
3.	Mr Sachin Gogate Mr Vishal Jagdale	MT 19 Shunt power capacitors for AC systems having a rated voltage above 1000 V

SI No.	Experts	WG/MT/PT
	Mr Vaibhav Raghunath Kulkarni Mr T Bhavani Shanker Mr Vijayakumar Shrikant Mr V Vaidhyanathan	
4.	Mr V Vaidhyanathan	MT 20 Coupling capacitors and capacitor dividers
5.	Mr Ashok Kumar Duggal Mr Ravindra Kulkarni Mr T Bhavani Shanker Mr V Vaidhyanathan	MT 21 Shunt power capacitors for AC systems having a rated voltage up to and including 1000 V
6.	Mr T Bhavani Shanker	MT 24 Special applications
7.	Mr Ashok Kumar Duggal Mr V Vaidhyanathan	MT 25 AC motor capacitors
8.	Mr V Vaidhyanathan	JMT 17A (TC 33 - SC 17A) - Grading capacitors linked to SC 17A

5.5 The next meeting of IEC TC 33 is scheduled to be held on 03/09/2025 to 04-09-2025 at Switzerland (Rossens).

Item 6 ACTIONS ARISING OUT OF PREVIOUS MEETING

Sl. No.	Item No. of last minutes	Item	Status
1.	3.2.1	ETD/29/16618 Revision of IS 2993: 1998(Identical To: 60252-1:2013) (<i>Superseding IS 1709:1984</i>) a.c. Motor Capacitors Part 1 General - Performance, Testing and Rating - Safety Requirements - Guidance for Installation and Operation (<i>Third Revision</i>)	Published as IS 2993 (Part 1): 2024
2.		ETD/29/26603 Amendment 1 to IS 2993 (Part 1): 2024	Published as Amendment No. 1 IS 2993 (Part 1): 2024
3.	3.2.2	ETD/29/16619 Revision of IS 2993: 1998(Identical To: 60252-2:2013) (<i>Superseding IS 1709:1984</i>) a.c. Motor Capacitors Part 2 Motor Start Capacitors (<i>Third Revision</i>)	Published as IS 2993 (Part 2) : 2024
4.		ETD/29/26604 Amendment 1 to IS 2993 (Part 2): 2024	Published as Amendment No. 1 IS 2993 (Part 2): 2024
5.	3.2.3	ETD/29/24351 Revision of IS 13340 : PART 1: 2012(Identical To: IEC 60831-1: 2014) Shunt power capacitors of the self-healing type for ac systems having a rated voltage up to and including 1 000 V Part 1: General- Performance testing and rating - Safety requirements-Guide for installation and operation (<i>Second Revision</i>)	Published as IS 13340 (Part 1) : 2024
6.	3.2.4	ETD/29/24352 Revision of IS 13340 : Part 2: 2012(Identical To: IEC 60831-2: 2014) Shunt power capacitors of the self-healing type for ac systems having a rated voltage up to and including 1 000 V Part 2: Ageing test self-healing test and destruction test (<i>First Revision</i>)	Published as IS 13340 (Part 2) : 2024

Item 8 INFORMATION ON e-SALE OF STANDARDS BY BIS

Bureau of Indian Standards, the National Standards Body of India has published more than 22000 Indian Standards which are available for sale. They are available for e-sale as under:

Softcopy can be downloaded from BIS sales portal <http://www.standardsbis.in>.

Item 9 NATIONAL INSTITUTE FOR TRAINING IN STANDARDISATION (NITS)

National Institute of Training for Standardization (NITS) has been set up by BIS with world class facilities to impart training on various aspects leading to standardization, quality and other management systems, consumer protection, public service delivery, etc.

The training calendar for the current year is available on BIS web site <http://www.bis.gov.in>.

The organizations willing to depute their personnel for training may kindly go through the appropriate programme and get them registered to undergoing training.

Item 10 DATE AND PLACE FOR THE NEXT MEETING**Item 11 ANY OTHER BUSINESS**