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BUREAU OF INDIAN STANDARDS

DRAFT MINUTES

Name of the Committee	No. of Meeting	Day	Date	Time	Venue
UHV AC Transmission Sectional Committee, ETD 48	10 th	Thursday	20 June 2024	11.00h	Online Meeting

CHAIRMAN: Shri Vibhay Kumar

MEMBER SECRETARY: Shri Ashok Kumar

Members present:

S. No	Organization	Name	Email
1.	Power Grid Corporation of India, Gurugram	Mr. Vibhay Kumar	vibhay@powergrid.in
2.	Bharat Heavy Electrical Limited, New Delhi	Mr. Vivek kapil	vivekk@bhel.in
3.	Central Electricity Authority, New Delhi	Mr. Pankaj Kumar Verma	kvermap@nic.in
4.	Central Power Research Institute, Bengaluru	Mr. Jithin Pauly P	Jithin@cpri.in
5.	CG Power and Industrial Solutions, Mumbai	Mr. Shailesh R. Joshi	shailesh.joshi@cgglobal.com
6.	Haryana Vidyut Prasaran Nigam Limited, Panchkula	Mr. Sandeep Kumar	aeemnphsr2@hvpn.org.in
		Mr. Ajay Kumar Nehra	xenmpcchr@hvpn.org.in
7.	Power Grid Corporation of India, Gurugram	Mr. Amandeep Singh	amandeeep@powergrid.in
		Mr. Chandra Kant	chandra.kant@powergrid.in
8.	Solar Energy Corporation of India Limited, New Delhi	Ms. Jaya	jaya.chauhan@seci.co.in
9.	Bureau Of Indian Standards (BIS)	Mr. Ashok Kumar (Member Secretary)	eetd@bis.gov.in

Item 0 WELCOME AND OPENING REMARKS

0.1 The Chairman, Shri Vibhay Kumar welcomed all the members present in the meeting and wished for a fruitful discussion of all agenda points & active participation from members.

The meeting started with a brief introduction from committee members.

Item 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

1.1 There being no comments, the committee formally confirmed the minutes of the last meeting (9th meeting) of UHV AC Transmission Sectional Committee, ETD 48 held on 21 November 2023.

Item 2 SCOPE AND COMPOSITION

2.1 The members reviewed the composition of the committee given in the agenda.

Item 3 ISSUES ARISING OUT OF PREVIOUS MEETINGS

Sl. No.	Item No & Subject	Action/ Remarks	Decision taken
3.1	New subjects	<p>Mr. Shri Kaustuv Roy M/s Solar Energy Corporation of India Limited prepared draft ToR on 'Reactive Power management in UHV Transmission lines' and submitted to BIS. (Attached at annex 2 of the agenda).</p> <p>The draft ToR on the subject circulated to all the members for their review and suggestions.</p> <p>No comments were received from the members on draft ToR.</p>	<p>The committee discussed the draft ToR on 'Reactive Power management in UHV Transmission lines'.</p> <p>Member Secretary informed that the proposed R&D project may be more relevant to the following ETD committees:</p> <ol style="list-style-type: none"> 1) ETD 01 (The committee covers the standardization related to the power quality) 2) ETD 46 (Standardization related to Grid Integration of Renewables) <p>Chairperson Sir informed that the requirement of management of reactive power is more important for voltage less than 400kv.</p> <p>The decision was made to recirculate the draft Terms of Reference (ToR) among the committee members for further review. Members are requested to provide suggestions on the following aspects:</p> <ol style="list-style-type: none"> 1. Scope of the R&D project and the expected deliverables.

			<p>2. Evaluation of the R&D project's scope in relation to the scope of the ETD 48, ETD 01, and ETD 46 committees, and confirmation of whether the R&D project falls under the ETD 48 committee.</p> <p>3. Structure of the standard to be formulated based on the R&D subject.</p> <p>The draft R&D subject will be discussed in the next meeting of ETD 48 committee.</p>
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Item 4 DRAFT STANDARDS/AMENDMENTS UNDER PRINT

Sl. No.	Item No & Subject	Action/Remarks	Decision taken
a.	ETD 48 (19990): (Identical to: IEC TS 63042-102:2021) UHV AC Transmission Systems Part 102 General System Design	The documents are under advanced Stage of printing.	Committee noted the information.
b.	ETD 48 (19991): (Identical to: IEC TS 63042-202:2021) UHV AC Transmission Systems Part 202 UHV AC Transmission Line Design		
c.	ETD 48 (19992): (Identical to: IEC TS 63042-302:2021) UHV AC Transmission Systems Part 302 Commissioning		
d.	ETD 48 (19993): (Identical to: IEC TR 63042-303:2021) UHV AC Transmission Systems Part 303 Guideline for the Measurement of UHV AC Transmission Line Power Frequency Parameters		

Item 5 REVIEW/REAFFIRMATION OF INDIAN STANDARDS

The committee noted the information given in the agenda.

Item 6 PROGRAMME OF WORK



6.1 The committee reviewed the position of work of ETD 48 as given in the agenda.

Item 7 INTERNATIONAL ACTIVITIES

7.1 The committee reviewed the position of work of IEC TC 122 as given in the agenda and noted the information given in the agenda.

7.2 The committee approved the nomination of Mr. Jithin Pauly P M/s CPRI, Mr. Shailesh R. Josh M/s CG Power and Industrial Solutions and Mr. Vivek kapil M/s BHEL in IEC TC 122/WG 2 considering their wide experience in the Substation and Transmission line design for UHV AC.

7.3 The committee approved the nomination of Mr. Vivek kapil M/s BHEL in IEC TC 122/WG 2 considering his experience in system design and substation.

7.3 Mr. Shailesh R. Josh M/s CG Power and Industrial Solutions to share new subjects and R&D work for the committee.

Item 8 DATE AND PLACE FOR THE NEXT MEETING

The date of place of the next meeting shall be decided in consultation with the chairman tentatively in the month of Oct 2024.

Item 9 ANY OTHER BUSINESS

There being no further business, the meeting ended with a vote of thanks to the chair.