



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

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## DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : ETD54/T-4

Date : 02 January 2024

**TECHNICAL COMMITTEE : Marine Energy Conversion Systems, ETD 54**

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Marine Energy Conversion Systems Sectional Committee, ETD 54. Please [click here](#) to view the document.

**Document Number : ETD 54 (24544) WC**

**Title of the document : Marine Energy wave tidal and other water current converters Part 20 : Design and Analysis of an Ocean Thermal Energy Conversion OTEC plant General Guidance**

**Document Type : New Indian Standard**

*This document has following salient features which may require specific attention for your valuable comments:*

*This standard general principles for design assessment of OTEC plants. The goal is to describe the design and assessment requirements of OTEC plants used for stable power generation under various conditions. This electricity may be used for utility supply or production of other energy carriers. The intended audience is developers, engineers, bankers, venture capitalists, entrepreneurs, finance authorities and regulators. This standard is applicable to land-based (i.e. onshore), shelf-mounted (i.e. nearshore seabed mounted) and floating OTEC systems. For land-based systems the scope of this document ends at the main power export cable suitable for connection to the grid. For shelf mounted and floating systems, the scope of this document normally ends at the main power export cable where it connects to the electrical grid.*

Please examine the document and share your comments regarding further improvement in the document.

**Last date for sharing the comments is : 02 March 2024**

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at [eetd@bis.gov.in](mailto:eetd@bis.gov.in) to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

**Yours faithfully,  
A R UNNIKRISHNAN  
Head (Electrotechnical Department)  
Email: [eetd@bis.gov.in](mailto:eetd@bis.gov.in)**



## व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : ETD54/T-4

दिनांक : 02-01-2024

**तकनीकी समिति : Marine Energy Conversion Systems Sectional Committee, ETD 54**

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : ETD 54 (24544) WC

शीर्षक :

कृपया इस/इन मानक(को)/संशोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

**सम्मतियाँ भेजने की अंतिम तिथि : 02 March 2024**

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट [www.bis.gov.in](http://www.bis.gov.in) पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,  
विभाग प्रमुख का नाम : ITS ADMIN  
(Electrotechnical Department)  
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