

BUREAU OF INDIAN STANDARDS
DRAFT FOR COMMENTS ONLY

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Draft Indian Standard

Marine energy – Wave, tidal and other water current converters –
Part 1: Vocabulary
(ICS 27.140)

Marine Energy Conversion Systems
Sectional Committee, ETD 54

Last date for Comments – 02/03/2024

FOREWORD

(Formal clauses will be added later)

This Draft Standard which is identical with IEC TS 62600-1: 2020 “Marine energy – Wave, tidal and other current converters – Part 1: Vocabulary” issued by the International Electrotechnical Commission (IEC) is proposed to be adopted by the Bureau of Indian Standards on the recommendation of the Electrical Installation Sectional Committee and approval of the Electrotechnical Division Council.

The text of the IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appears referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test, shall be rounded off in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*Second Revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Scope

This standard defines the terms relevant to marine energy. For the purposes of this document, sources of ocean and marine renewable energy are taken to include primarily devices that convert wave, tidal and other water current energy into electrical energy, although other conversion methods, systems and products are included. Terms relating to conventional dam and tidal barrage, offshore wind, marine biomass, and salinity gradient energy conversion are not included in the scope of this document. This document is intended to provide uniform terminology to facilitate communication between organizations and individuals in the marine energy industry and those who interact with them.

Note — The technical content of their document has not been enclosed as there are identical with the corresponding IEC standards for details, please refer the corresponding IEC TS 62600-1-2020 or kindly contact:

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