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PEOPLE'S REPUBLIC OF CHINA**

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Replacing GB/T 30966.2-2014

**Wind energy generation systems - Communications for
monitoring and control of wind power plants - Part 2:
Information models**

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foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules for Standardization Documents" drafting.

This document is part 2 of GB/T 30966 "Wind Turbine Wind Farm Monitoring System Communication". GB/T 30966 has

The following parts have been published.

- Part 1. Principles and models;
- Part 2. Information model;
- Part 3. Information exchange model;
- Part 4. Mapping to communication protocol;
- Part 5. Conformance testing;
- Part 6. Logical node classes and data classes for status monitoring.

This document replaces GB/T 30966.2-2014 "Wind Turbine Generator Set Wind Farm Monitoring System Communication Part 2. Information Model

Compared with GB/T 30966.2-2014, except for structural adjustment and editorial changes, the main technical changes are as follows.

- a) Added a new logical node class WPPD (see 6.2.1);
- b) Added a new logical node class WAVL representing availability data (see 6.2.13);
- c) Changed the coordination of logical node classes in the 2nd edition of DL/T 860.74 (see Chapter 5, Chapter 5 of the.2014 edition);
- d) Changed the coordination of common data classes in the 2nd edition of DL/T 860.73 (see Chapter 7, Chapter 7 of the.2014 edition);
- e) The information model has been changed to be consistent with DL/T 860.7410 and DL/T 860.7420 (see Chapter 5, 5.3 of the.2014 edition);
- f) The alarm processing model has been changed, and the logical node WALM and related CDC have been adjusted (see 6.2.12,.2014 edition 6.2.11);
- g) Changed the abbreviation (see the full text, the full text of the.2014 edition);