

**ORISSA ELECTRICITY REGULATORY COMMISSION**  
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**PUBLIC NOTICE**

**Sub: Previous publication for amendment to Orissa Grid Code (OGC) Regulations, 2006.**

The Commission had framed the Orissa Grid Code (OGC) Regulations, 2006 which was published in the Orissa Gazette, Extra-ordinary No.819 dt.14<sup>th</sup> June, 2006 and this is in force. The said Regulations was amended vide the 1<sup>st</sup> amendment which was published in the Orissa Gazette, Extra-ordinary No.556 dt.24<sup>th</sup> March, 2007. In the meanwhile proposal for amendment of certain regulations has come from (1) the CERC in its order dated 05.05.2008 & (2) Member-Secretary, Grid Co-ordination Committee as per their decision in the 2<sup>nd</sup> Grid Co-ordination Committee meeting.

Accordingly, the Commission hereby publishes the proposed amendments of the Orissa Grid Code (OGC) Regulations, 2006 for information of the general public.

The proposed amendments are available in the Commission's website: [www.orierc.org](http://www.orierc.org). The copies of the proposed amendments may also be obtained from the Commission's office by payment of necessary fees.

Before finalization of the said amendment, the Commission invites opinion through this previous publication u/s 181(3) of the Electricity Act, 2003. Interested persons/institutions/associations may furnish their suggestions/opinions on the said amendment to the undersigned within 30 days of publication of this notice. On receipt of the responses from different quarters, the Commission may, in appropriate cases, bring the modifications, if any, to the proposed amendment and approve the same for publication in the official gazette.

By order of the Commission

**(N.C. Mahapatra)**  
**Secretary I/c**

**ORISSA ELECTRICITY REGULATORY COMMISSION  
BIDYUT NIYAMAK BHAWAN  
UNIT-VIII, BHUBANESWAR-751012**

**NOTIFICATION**

**Dated, the \_\_\_\_\_, 2008**

No.OERC-Engg.-17/2005 (Vol.IV) – In exercise of the powers conferred by Section 86(1)(h) of the Electricity Act 2003, the Commission had framed the Orissa Grid Code (OGC) Regulations, 2006 which was published in the Orissa Gazette, Extra-ordinary No.819 dt.14<sup>th</sup> June, 2006. The said Regulation was amended vide the 1<sup>st</sup> amendment which was published in the Orissa Gazette, Extra-ordinary No.556 dt.24<sup>th</sup> March, 2007. In the meanwhile proposal for amendment of certain regulations has come from (1) the CERC in its order dated 05.05.2008 & (2) Member-Secretary, Grid Co-ordination Committee as per their decision in the 2<sup>nd</sup> Grid Co-ordination Committee meeting.

Accordingly, the Commission hereby makes the republication of the following amendments of the Orissa Grid Code (OGC) Regulations, 2006 for information of the general public.

1. **Short title and commencement** – (i) These Regulations may be called the Orissa Grid Code (OGC) (Amendment) Regulations, 2008.  
  
(ii) It shall come into force on the date of its publication in the Official Gazette.
2. In Regulation 1.19(13) the word “66 kV” may be replaced as “33 kV”.
3. In Regulation 1.19 (88) the numbers “4.8, 5.2(8)” may be may be deleted. Similarly “and 9.4” may be deleted.
4. In Regulation 4.11 “DATA COMMUNICATION FACILITIES” may be read as follows:

Reliable and efficient speech and data communication systems shall be provided to facilitate necessary communication and data exchange, and supervision/control of the grid by the SLDC, under normal and abnormal conditions. All Agencies including CGS who are allowed open access shall provide Systems to telemeter power system parameter such as flow, voltage and status of switches/ transformer taps etc. in line with interface requirements and other guideline made available to nearest SCADA interface point of the transmission licensee. The associated communication system to facilitate data flow up to nearest SCADA interface point of the transmission licensee, as the case may be, shall also be established by the concerned Agency as agreed by STU in Connection Agreement. All Agencies in coordination with STU shall provide the required facilities at their respective ends and nearest SCADA interface point of the transmission licensee as agreed in the Connection Agreement.

5. In Regulation 4.13 (1) (d) may be read as follows:

All Agencies connected to or planning to connect to STS would ensure providing of RTU and other communication equipment, as specified by SLDC, for sending real-time data to nearest SCADA interface point of the transmission licensee at least before date of commercial operation of the generating stations or sub-station/ line being connected to STS.

6. In Regulation 4.15(1) “**Generator (including CGP)**” may be read as follows:

Voltage may be 400/220/132/33 kV or as agreed with the Transmission Licensee. Unless specifically agreed with the Transmission Licensee the Connection Point shall be the outgoing feeder gantry of Power Station switchyard. Metering point shall be at the outgoing feeder. All the terminal communication, protection and metering equipment owned by the generator within the perimeter of the generator’s site should be maintained by the generator. The respective Users shall maintain other Users’ equipment. From the outgoing feeder gantry onwards, the Transmission Licensee shall maintain all electrical equipment.

7. In Annexure-1 to Chapter-4, (iii) (g) (v) of the Connection Agreement may be replaced as “Mode of communication connectivity with nearest SCADA interface point of the transmission licensee: Telephone/Fax/ Carrier communication”.
8. In Regulation 5.2(8) the words “Operational and” may be deleted.
9. In Regulation 5.2(9) the words “Operational and” may be deleted.
10. In Regulation 5.3(3)( c)(ii) the words “Operational and” may be deleted.
11. In Regulation 6.4(10) the words “and Protection” may be deleted.
12. In Regulation 6.4 (13) the words “as per relevant CEA Regulation on metering.” may be inserted at the end of the 1<sup>st</sup> sentence i.e. after the word “drawals”.
13. In Regulation 9.3 at the end, the following paragraphs may be added”

There shall be provision of distance protection schemes with carrier inter tripping between the grid s/s of the STU/Transmission licensee and the users capable of injecting power to the transmission system. This should be used in case of Captive Generating Plants connected to the grid and for those Users connected to the STU/Transmission System through multiple feeders.

In case of users as indicated above distance protection schemes as per the guidelines of Indian Standard Specification (ISS) shall have to be provided both at the grid end as well as at the users end.

14. In Regulation 9.7, the following points may be added at the end.
3. In case of EHT consumers connected through single circuits by radial feeders there is no scope of back feeding to the system. Hence, there is no utility of a distance protection relay in respect of such consumers at the consumer end. However, there is need of distance protection scheme for all EHT feeders including radial feeders emanating from the grid substations at the grid S/S end.
  4. The distance relay can be applied for the protection of short lines, Transformer feeders, to Tee lines, double circuit lines as well as it can be applied for single pole and triple pole auto reclosing.
  5. The distance relay can be applied for 66/33 KV network also.
15. In Regulation 11.2(2)(iv), the words “/partial black out” may be inserted in between the words “major” and “grid”.
16. In Appendix C.5 under the heading REFERENCE TO: the words “SECTION-9” may be replaced as “CHAPTER 7” and the words “OF POWER STATIONS OF 5 MW AND ABOVE” may be added at the end of the word “DRAWAL”.

By order of the Commission

**(N.C. Mahapatra)**  
**Secretary I/c**