

ಬಂದಲ್ಲಿ ಮತ್ತು ದಸ್ತಾರಬಾದ ಗ್ರಾಮಗಳ ಸೀಮೆ ವಿಲಿನಗೊಳ್ಳುವ ಬಿಂದು ದಸ್ತಾರಬಾದ ಗ್ರಾಮದ ಸ.ನಂ. 51 ರ ವಾಯುವ್ಯ ತುದಿಗೆ ತಲುಪಿ ಅಲ್ಲಿಂದ ಹೊನಗೇರಾ ಗ್ರಾಮದ ದಕ್ಷಿಣ ಸೀಮೆಗುಂಟು ಪೂರ್ವಾಭಿಮುಖವಾಗಿ ಚಲಿಸುತ್ತಾ, ದಸ್ತಾರಬಾದ ಗ್ರಾಮದ ಸ.ನಂ 50, 51 ದಾಟಿ ಹೊನಗೇರಾ ಮತ್ತು ದಸ್ತಾರಬಾದ ಮತ್ತು ಮುಂಡರಗಾ ಪೂರ್ವಾಭಿಮುಖವಾಗಿ ಚಲಿಸುತ್ತಾ, 169(159), 171(161), 173(163), 176(166), 190(180), 191(181), 192(182)ಗಳು ದಾಟಿಕೊಂಡು ಮುಂಡರಗಿ ಗ್ರಾಮದ ಸ.ನಂ. 192(182) ರ ವಾಯುವ್ಯ ಗಡಿಗೆ ತಲುಪಿ ಅಲ್ಲಿಂದ ಈಶಾನ್ಯ ದಿಕ್ಕಿನ ಕಡೆಗೆ ಚಲಿಸಿ ಸ.ನಂ 245(235) ದಾಟಿ ಮುಂಡರಗಿ ಗ್ರಾಮದ ಸನಂ 199(189), 238(228), 239(229), 240(230) ಗಳು ದಾಟಿಕೊಂಡು ಹೊನಗೇರಾ ಮುಂಡರಗಿ ಮತ್ತು ಬೆಳಗೇರಾ ಗ್ರಾಮಗಳ ಸೀಮೆಗಳು ವಿಲಿನಗೊಳ್ಳುವ ಬಿಂದು ಮುಂಡರಗಿ ಗ್ರಾಮದ ಸರ್ವೆ ನಂಬರ 240(230) ರ ಉತ್ತರ ಗಡಿಗೆ ತಲುಪಿ ಅಲ್ಲಿಂದ ಬೆಳಗೇರಾ ಗ್ರಾಮ ದಕ್ಷಿಣ ಸೀಮೆಗುಂಟಾ ಈಶಾನ್ಯ ದಿಕ್ಕಿಗೆ ಚಲಿಸಿ ಮುಂಡರಗಿ ಗ್ರಾಮದ ಸ.ನಂ:246(236) ರ ಈಶಾನ್ಯ ಗಡಿಗೆ ತಲುಪಿ ಅಲ್ಲಿಂದ ಬೆಳಗೇರಾ ಗ್ರಾಮದ ಆಗ್ನೇಯ ಸೀಮೆಗುಂಟು ಚಲಿಸಿ ಮುಂಡರಗಿ ಗ್ರಾಮದ ಸ.ನಂ 247(237), 248(238), 249(239), 254(244) ಮುಂಡರಗಿಯಿಂದ ಬೆಳಗೇರಾ ಹೋಗುವ ಜಿಲ್ಲಾ ಮುಖ್ಯ ರಸ್ತೆ ದಾಟಿಕೊಂಡು ಮುಂಡರಗಿ ಗ್ರಾಮದ ಸನಂ: 254(244)ರ ಆಗ್ನೇಯ ಗಡಿಗೆ "Q" ಬಿಂದುವಿಗೆ ಸೇರುತ್ತದೆ.

(ಲತಾ.ಕೆ)

ಸರ್ಕಾರದ ಅಧೀನ ಕಾರ್ಯದರ್ಶಿ,
(ಅಭಿವೃದ್ಧಿ ಪ್ರಾಧಿಕಾರ & ನಯೋಸೇ)
ನಗರಾಭಿವೃದ್ಧಿ ಇಲಾಖೆ.

PR-29

KARNATAKA ELECTRICITY REGULATORY COMMISSION
No. 16 C-1, Miller Tank Bed Area, Vasanth Nagar, Bengaluru- 560 052

Notification

No. KERC/S/F-31/Vol-1402/1251

Date:01.01.2025

Draft Karnataka Electricity Regulatory Commission (Ancillary Services) Regulations,2024

Preamble:

1. The growing complexity of the power sector, driven by increasing renewable energy penetration, rising demand, and diverse grid integration challenges, necessitates a robust framework for ancillary services. These services are critical to maintaining grid frequency, voltage stability, and system balance under varying operating conditions, thereby ensuring uninterrupted power supply to consumers.
2. In exercise of the powers conferred under Section 181 read with clauses (h) and (i) of sub-section (1) of Section 86 of the Electricity Act, 2003 (Act 36 of 2003) and all other powers enabling it in this behalf, the Karnataka Electricity Regulatory Commission hereby makes the following Regulations, namely: -

“Draft Karnataka Electricity Regulatory Commission (Ancillary Services) Regulations, 2024”

3. The Commission aims to achieve the following objectives through these regulations:
 - a) Strengthen grid reliability and operational efficiency by establishing a robust ancillary services mechanism.
 - b) Ensure transparency, accountability, and fairness by providing a structured framework for the participation of eligible service providers.
 - c) Encourage technological innovation and advancements in grid management to address evolving challenges effectively.
 - d) Facilitate the growth of a competitive market for ancillary services, delivering benefits to all stakeholders.
4. These regulations shall apply to all stakeholders in the electricity value chain, including generating stations, transmission licensees, distribution licensees, load dispatch centers, and other entities as defined herein. The implementation of these regulations shall ensure a resilient, secure, and economically viable grid system, aligned with national energy policies and sustainable development goals.
5. These regulations shall come into force from the date of their publication in the official gazette. The stakeholders involved in the matter include power generators, distribution utilities, transmission companies, and open access consumers. Each participant has specific roles and responsibilities in adhering to Regulations and settling deviations effectively.
6. The Karnataka Electricity Regulatory Commission has decided to issue the Draft Karnataka Electricity Regulatory Commission (Ancillary Services) Regulations, 2024, in exercise of the powers conferred under Section 181 read with clause (c) of sub-section (1) of section 86 of the Electricity Act 2003. As required under sub section (3) of section 181 (zi) & (zp) of the Act, and the Electricity (Procedure for Previous Publication) Rules, 2005, the Commission hereby notifies the Draft Regulations, for information of the persons and all the stakeholders likely to be affected.
7. Notice is hereby given that the Draft Regulations will be finalized after 30 days from the date of their publication in the Official Gazette, after considering the comments/suggestions/objections on the draft Regulations submitted by the stakeholders. Hence, the stakeholders are requested to

submit their objections/suggestions/views on the proposed draft within 30 (Thirty) days from the date of publication of these draft Regulations in the Official Gazette of Karnataka, to the Secretary of the Commission at the following address:

The Secretary,
Karnataka Electricity Regulatory Commission,
No 16, C-1, Miller Tank Bed Area,
Vasanthanagar,
Bengaluru-560052.

CHAPTER-1

PRELIMINARY

1. Short Title, Extent and Commencement:

- 1.1 These Regulations may be called the Karnataka Electricity Regulatory Commission (Ancillary Services) Regulations, 2024.
- 1.2 These Regulations shall be effective from the date of their publication in the official gazette of the State of Karnataka.

CHAPTER-2

OBJECTIVE

2. Objective:

- 2.1 To ensure grid security, it is essential that adequate reserves are maintained locally within state's control area, as stipulated in the Indian Electricity Grid Code or the Karnataka Electricity Grid Code. These regulations establish mechanisms for the procurement, deployment, and payment of Ancillary Services at the state level. The aim is to maintain grid frequency near to 50 Hz, restore frequency within the permissible range specified in the Karnataka Electricity Grid Code, and address transmission network congestion. This facilitates smooth power system operations while ensuring the safety and security of the state's grid.

CHAPTER-3**DEFINITIONS****3. Definitions**

3.1 In these Regulations, unless the context otherwise requires-

- (1) "**Act**" means the Electricity Act, 2003 (36 of 2003);
- (2) "**AGC Signal**" means automated signal generated from the Nodal Agency through which the generation of a Secondary Reserve Ancillary Services (SRAS) Provider is adjusted;
- (3) "**Ancillary Service**" or "**AS**" in relation to power system operation, means the service necessary to support the grid operation in maintaining power quality, reliability and security of the grid and includes Primary Reserve Ancillary Service, Secondary Reserve Ancillary Service, Tertiary Reserve Ancillary Service, active power support for load following, reactive power support, black start and such other services as defined in the Grid Code;
- (4) "**Area Control Error**" or "**ACE**" means the instantaneous difference between the net actual interchange and net scheduled interchange of the State as an area, taking into account the effects of frequency bias and correction of measurement errors;
- (5) "**AS Capacity Obligation**" is the capacity signaled for despatch by the Nodal Agency under SRAS or the capacity procured by the Nodal Agency under TRAS;
- (6) "**Automatic Generation Control**" or "**AGC**" means a mechanism through which the generation of the SRAS Provider in a control area is automatically adjusted in response to the Secondary Control Signal;
- (7) "**Commission**" means the Karnataka Electricity Regulatory Commission referred to in Sub-section (1) of Section 82 of the Act;
- (8) "**Compensation Charge**" means the price declared by an SRAS Provider other than a generating station whose tariff is determined under Section 62 of the Act for participation in SRAS;