

**12. Performance of SRAS Provider:**

- 12.1 The actual response of SRAS Provider against the secondary control signals from the Nodal Agency to the control centre of the SRAS Provider shall be monitored by the Nodal Agency, as per the procedure stipulated in the Detailed Procedure.
- 12.2 All measurements of secondary control signals from the Nodal Agency to the control centre of the SRAS Provider and the actual response of SRAS Provider shall be carried out on post-facto basis using SCADA data. Performance of the SRAS Provider shall be measured by the Nodal Agency by comparing the actual response against the secondary control signals for SRAS-Up and SRAS-Down sent every 4 seconds (or any other interval decided by the Commission) to the control centre of the SRAS Provider measured using 5- minute average data.
- 12.3 The methodology for measurement of the performance of SRAS Provider based on this Regulation shall be stipulated in the Detailed Procedure.

**13. Failure in performance of SRAS Provider**

- 13.1 Performance below 20% for two consecutive days by an SRAS Provider shall make the SRAS Provider liable for disqualification for participation in SRAS for a week by the Nodal Agency.
- 13.2 Violation of directions of the Nodal agency for SRAS under these Regulations shall make the SRAS providers liable for penalties as per the provisions of the Act.

**Part II****Shortfall in procurement of SRAS or Emergency Conditions****14. Shortfall in procurement of SRAS or Emergency Conditions**

- 14.1 All generating stations, whose tariff is determined by the Commission under Section 62 of the Act including those having URS power, shall be deemed to be available for use by the Nodal Agency for SRAS, subject to technical constraints of such generating stations.
- 14.2 The generating stations as referred to in clause (14.1) of this Regulation, whose URS is despatched as SRAS-Up shall be paid their energy charge in terms of clause (11.1) of Regulation 11.

- 14.3 The generating stations as referred to in clause (14.1) of this Regulation, if despatched as SRAS-Down shall pay back to the Deviation and Ancillary Service Pool Account in terms of clause (11.2) of Regulation 11.
- 14.4 In case the Nodal Agency requires any generating station to provide Ancillary Services to meet the emergency conditions for reasons of grid security as per the provisions of the Grid Code, such generating station may be compensated at the rate of the energy charge as specified by the Commission.

### Part III Accounting and Settlement of SRAS

#### 15. Accounting and Settlement of SRAS

- 15.1 Accounting of SRAS shall be done by the Nodal Agency on a weekly basis, based on Interface meter data.
- 15.2 Deviation of SRAS Provider in every 15-minute time block shall be calculated as under and settled as per the procedure of DSM Regulations:

$MWh \text{ Deviation for AS Provider} = (\text{Actual MWh of AS Provider}) - (\text{Scheduled MWh of AS Provider}) - (\text{SRAS MWh of AS Provider})$

- 15.3 The **SDSMA** shall be charged for:
- (a) the energy charge or the compensation charge as the case may be, of dispatched SRAS- Up for every time-block on the intra-state basis, payable to the concerned SRAS Provider,
- (b) the compensation as referred to in the proviso to clause (9.9) of Regulation (9) of these Regulations.
- 15.4 For SRAS down despatch, payment shall be credited to **SDSMA**.
- 15.5 The net of the charges and the credits under clauses (15.3) & (15.4) of this Regulation shall be settled through the charges collected under the B&SC.
- 15.6 Settlement of payment liabilities in respect of the SRAS providers shall be done directly by the Nodal Agency on a weekly basis considering them as virtual entities.

15.7 No retrospective settlement of energy charge or compensation charge, as the case may be, shall be undertaken.

15.8 The Nodal Agency shall publish information on its website about SRAS procured and scheduled on a weekly basis and submit quarterly detailed feedback reports to the Commission.

#### **16. Transmission Charges and Losses for SRAS Provider**

No transmission charges or transmission losses or transmission deviation charges shall be payable for SRAS.

### **Part IV Miscellaneous**

#### **17. Detailed procedure**

17.1 The Nodal Agency shall submit the Detailed Procedure through an application along with a gist of application before the Commission for approval within 3 (three) months of notification of these Regulations. On admitting such application, the Commission shall ask Nodal Agency to publish the gist of the application within 7 (seven) working days from date of approval of the gist by the Commission in four widely circulated newspapers (Kannada and English) and on website of the Nodal Agency inviting suggestions and objections on the detailed procedure from all the stakeholders including public at large. In the website along with the gist, the concerned application shall also be uploaded with the facility to download those documents by public in pdf and editable word format. Such suggestions and objections shall be submitted to the Nodal Agency within specified time. On receiving stakeholders' suggestions and objections, the Nodal Agency shall finalize the Detailed Procedure and submit to the Commission for approval.

17.2 The Detailed Procedure shall contain the operational aspects of SRAS including, but not limited to,

(a) bi-directional communication system as referred to in sub-clause (a) of clause (7.1) of Regulation 7 of these Regulations;

(b) metering and SCADA telemetry for monitoring and measurement of energy delivered under SRAS as referred to in sub-clause (d) of clause (7.1) of Regulation 7 of these Regulations;

- (c) intervals of the automatic calculation of ACE and method of 'Offset' calculation and the meter drift issues in respect of clause (8.2) of Regulation 8 of these Regulations;
- (d) details of various control modes of operation as mentioned in clause (8.5) of Regulation 8 of these Regulations;
- (e) details regarding the declaration of technical parameters as referred to in clause (9.3) of Regulation 9 of these Regulations;
- (f) technical requirements for SRAS providers as referred to in clause (9.4) of Regulation 9 of these Regulations;
- (g) manner of declaration of the energy charge and the compensation charge, respectively as referred to in clauses (9.5) and (9.6) of Regulation 9 of these Regulations;
- (h) methodology of sharing real time data as referred to in clause (10.5) of Regulation 10 of these Regulations;
- (i) methodology for despatch of SRAS to relieve congestion;
- (j) methodology of computation for SRAS as referred to in clause (11.4) of Regulation 11 of these Regulations;
- (k) details regarding monitoring of the actual response of SRAS providers as referred to in clause (12.1) of Regulation 12 of these Regulations;
- (l) details of the methodology for measurement of performance of SRAS Provider as referred to in clause (12.2) of Regulation 12 of these Regulations;
- (m) other related and incidental matters.

**18. Power to Relax:**

The Commission may by general or special order, for reasons to be recorded in writing, and after giving an opportunity of hearing to the parties likely to be affected, may relax any of the provisions of these Regulations on its own motion or on an application made before it by an interested person.

**19. Power to Remove Difficulty:**

If any difficulty arises in giving effect to the provisions of these Regulations, the Commission may on its own motion or on an application filed by any affected party, issue any general or specific directions as may be considered necessary in furtherance of the objective and purpose of these Regulations.

**By Order of the Commission,  
Secretary**