



ग्रिड कंट्रोलर ऑफ इंडिया लिमिटेड  
(भारत सरकार का उद्यम)  
GRID CONTROLLER OF INDIA LIMITED  
(A Government of India Enterprise)



[formerly Power System Operation Corporation Limited (POSOCO)]

राष्ट्रीय भार प्रेषण केन्द्र / National Load Despatch Centre

कार्यालय : बी-9, प्रथम एवं द्वितीय तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110016  
Office : 1<sup>st</sup> and 2<sup>nd</sup> Floor, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi -110016  
CIN : U40105DL2009GOI188682, Website : www.grid-india.in, E-mail : gridindiacc@grid-india.in, Tel.: 011- 42785855

संदर्भ: NLDC/MO/IEGC/

दिनांक: 23<sup>rd</sup> Oct 2023

सेवा में,

All the Stakeholders

विषय: Draft Procedure for Supply from alternate REGS source: sharing of net savings for generating stations whose tariff is determined under Section 62 of the Act

संदर्भ: Central Electricity Regulatory Commission, Indian Electricity Grid Code, Regulations, 2023

महोदय/महोदया,

In compliance to the regulations 48(3)(e) of the Central Electricity Regulatory Commission (Indian Electricity Grid Code), Regulations 2023 published on 29<sup>th</sup> May 2023, NLDC in consultation with RLDCs has prepared a “**Draft Procedure for Supply from alternate REGS source: sharing of net savings for generating stations whose tariff is determined under Section 62 of the Act**”.

The draft procedure has been published on Grid-India website on **23<sup>rd</sup> Oct’2023** and is available at: <https://posoco.in/nldc-procedures/>

To familiarise the stakeholders about this procedure, an online workshop shall be organised and information in this regard shall be made available on the Grid-India website.

Stakeholder suggestions/feedback on this draft procedure are invited and these may email at [monldc@grid-india.in](mailto:monldc@grid-india.in) latest by **06th Nov’2023**.

सधन्यवाद,

भवदीय,

(एस. सी. सक्सेना)

कार्यपालक-निदेशक-रा.भा.प्रे.कें.

Copy for kind information:

1. CMD, Grid-India
2. Director – Market Operation/System Operation, GRID-INDIA
3. All RLDC Heads

**Grid Controller of India Limited**  
**(Formerly: Power System Operation Corporation Limited)**  
**National Load Despatch Centre (NLDC)**



**Draft Procedure for Supply from alternate  
REGS source: sharing of net savings for generating  
stations whose tariff is determined under Section 62 of the Act**

Prepared in Compliance to IEGC Scheduling and Despatch Code:

Regulation No. 48(3)(e)

Revision-0: September 2023 (w.e.f 01<sup>st</sup> October, 2023)

## **1. Preamble**

- 1.1. This Procedure is issued in accordance with Indian Electricity Grid Code, 2023, Chapter 7 Scheduling and Despatch Code: Regulation No. 48(3)(e).
- 1.2. All the words and expressions used in the Procedure shall have the same meaning as assigned to them in various CERC Regulations.
- 1.3. This procedure would be applicable from 01<sup>st</sup> October'2023 or any other date as specified by the CERC.

## **2. Objective**

- 2.1. The objective of this document is to provide a procedure for sharing of net savings accruing from supply of power from an alternative REGS by a thermal/hydro station till such provision is incorporated in Tariff Regulations.

## **3. Scope**

- 3.1. This procedure shall apply to
  - 3.1.1. The generating station whose tariff is determined under Section 62 of the Act.
  - 3.1.2. Supply of power by such generating station to its buyer from an alternate source REGS.
  - 3.1.3. REGS as defined in grid code.

## **4. Scheduling.**

- 4.1. The details of contract entered into by generating station with REGS shall be informed ( first time creation of contract) at least 3 days in advance(D-3, where D is delivery day) before start of scheduling of supply of power from alternative REGS to the concerned RLDCs where the generating station is located along with copy to RPCs and its beneficiaries. The rate of REGS shall also be communicated along with this.
- 4.2. Generating station intending to replace its power from REGS shall apply for T-GNA for scheduling of replacement of such power from REGS to generating station along with block wise details of power intended to be replaced through REGS. The power scheduled from alternate source shall be reduced from the schedule of the generating station.
- 4.3. There shall no ISTS transmission loss applicable for schedule of power from REGS to the generating station. Power scheduled from generating station to its beneficiaries shall be in line with applicable regulation.

- 4.4. The timeline for informing the details of replacement of power on day ahead basis (D-1) shall be in accordance to Grid code 49.1.(h).
- 4.5. Any change in declaration of generating station or REGS shall be assessed by generating station and shall accordingly apply for revision in line with the Grid code.
- 4.6. The generating station shall be responsible for providing the details of REGS in scheduling portal of the concerned RLDC.
- 4.7. In case of any tripping or outage of REGS, the concerned generating station shall be responsible for applying for revision in scheduling portal of concerned RLDC as per applicability.
- 4.8. In case of partial /full outage or revision of declaration (DC) of generating station in line with the provision of Grid code, the replacement of power from REGS shall be restricted to maximum DC or schedule, whichever is lower. Accordingly, power station shall apply for revision in respective scheduling portal of RLDC. If the concerned generating station fails to apply for revision, the excess power of REGS schedule to the generating station shall not be considered as replacement of power from REGS.
- 4.9. The inherent margin created in generating station due to replacement of power from REGS, shall not be considered by generating station for sale in DAM/HP-DAM or any market segment except RTM. RLDC/NLDC may despatch such power under Ancillary services under shortfall category.

## **5. Sharing of net savings**

- 5.1. RLDC shall issue final drawl and injection schedules of all regional entities by end of the day.
- 5.2. The net savings/realized gains shall be shared between the generating station and the concerned beneficiary in the ratio of 50:50, in the billing of the following month.
- 5.3. The net savings/realized gains shall be calculated block wise as the difference between fuel/variable cost of generating station and the rate of REGS supply plus incidental expenses and Compensation for Degradation of Heat Rate.
- 5.4. The Merchant capacity of the generating station shall not be considered for replacement of power from REGS.
- 5.5. The sharing of net savings/realized gains among beneficiaries shall be in proportion to their schedule power including URS power also.
- 5.6. The inherent margin created in generating station due to replacement of power from REGS, may be sold in RTM.

- 5.6.1. The net savings/realized gains shall be calculated block wise difference between RTM price and fuel/variable cost of generating station including incidental expenses and heat rate compensation if any.
- 5.6.2. The net savings/realized gains shall be shared between the generating station and the concerned beneficiary in the ratio of 50:50.
- 5.6.3. Further the amount receivable by the beneficiaries amount shall be shared among the beneficiaries in the ratio of total schedule from the plant including schedule of un-requisitioned power for those blocks.
- 5.7. There shall be no sharing of loss accrued on account of such replacement of power between the ISGS and the beneficiary (ies).
- 5.8. The liability of fixed charge shall remain with original beneficiary (ies) as determined in accordance with the Tariff Regulations notified by the Commission from time to time.
- 5.9. The generation station shall provide the details of such net saving(gain/loss) to the beneficiary (ies) and to RPCs as per the **Format ISGS\_REGS\_01** on monthly basis. The details shall be incorporated in the final REA issued by the respective RPCs.
- 5.9.1. The details of such net saving(gain/loss) shall be provided by generating station by 07<sup>th</sup> of current month for previous month.
- 5.10. The Generator shall reconcile such gain sharing on quarterly basis with the concerned beneficiary (ies) and submit the details to the concerned RPCs within 2 months of end of financial quarter.

**Format: REGS REPLACEMENT\_01**

Plant Name:												
Month = MMM-YYY												
Total energy replaced with REGS(MWh)	PPA rate of REGS(Rs/Unit)	Compensation due to Degradation of Heat Rate (Rs) (A)	net savings/realized gains			net loss			net savings/realized gains sharing details			
			Net savings/realized gains from Sell in RTM REGS(Rs) (B)	Incidental charges (Rs) (C)	Net Gain Rs (D)=(B) -(C)	Saving from replacement of power from REGS (Rs) (E)	Incidental charges (Rs) (F)	Net loss Rs (G)=(D) -(E)-(B)	50% of ( C) Rs	Benefic ary "XX" Rs	Beneficiary "YY" Rs	Beneficiary "ZZ" Rs
<b>Total</b>												

\* Incidental charges consist of:

1.....,2.....,n....

Signature

Name & Designation

**Format: REGS REPLACEMENT\_SELL\_RTM\_02**

Plant Name:												
Month = MMM-YYY												
Total energy Sell in RTM (MWh)	Avg Rate rate of REGS(Rs/Unit))	Avg Rate of RTM sell (Rs) (A)	net savings/realized gains			net loss			net savings/realized gains sharing details			
			Gain from sell in RTM(Rs) (B)	Incidental charges (Rs) (C)	Net Gain Rs (D)=(B) -(C)	Realization from sell in RTM (Rs) (E)	Incidental charges (Rs) (F)	Net loss Rs (G)=(E)- (F)	50% of ( C) Rs	Benefic ary "XX" Rs	Beneficiary "YY" Rs	Beneficiary "ZZ" Rs
<b>Total</b>												

Signature  
Name & Designation