SOUTHERN REGIONAL POWER COMMITTEE
BENGALURU

PROCEDURE FOR CONSIDERATION OF PARTIAL OUTAGE UNDER DSM ACCOUNT

a) As per CERC (DSM) Regulations, 2024 – Statement of Objects & Reasons (SOR), dated: 15th November, 2024 under point no. 12.8

> *"The Commission also acknowledges NTPC's submission regarding the operational challenges faced by thermal stations, which can lead to partial outages and necessitate revisions in Declared Capacity (DC). Given the complexities involved, the Commission had previously allowed limited DC revisions for reasons such as partial outages, fuel quality variations, or other technical factors, as detailed in its Suo-motu order 18/SM/2023 dated 18.12.2023. In light of these challenges, the Commission agrees that it is essential to align the treatment of partial outages with that of forced outages. Therefore, the Commission has modified the relevant provisions in the final regulations to reflect this alignment. It is also clarified that such dispensation shall be permitted for downward revision of DC due to such partial outage which is permitted under Suo-Motu order 18/SM/2023 dated 18.12.2023 or subsequent amendment to the Grid Code".*

b) As per CERC (IEGC) (First Amendment) Regulations, 2024 dated 23.10.2024 Clause No. 6

> *"(7-a) Revision of Declared Capacity and schedule of a generating station or ESS (as an injecting entity) shall be allowed only in case of bilateral transactions and not in case of collective transaction as per following details:*
> *(a)The generating station (other than lignite, gas based thermal generating station, and hydro generating station) or ESS (as an injecting entity) shall be allowed a maximum of 4 (four) revisions of Declared Capacity and schedule in a day subject to a maximum of 60 (sixty) revisions during a month, due to reasons such as a partial outage of the unit or variation of fuel quality or any other technical reason to be recorded in writing:*
> *Provided that RLDC may allow upward revision of DC beyond the above limit keeping in view grid requirements."*

c) As per above mentioned points under (a) & (b), provision of DSM @ reference rate is applicable in case of downward DC revision due to partial outage. Thus, number of entries allowed by generating station for submission of partial outage data against the downward DC revisions due to partial outage will be as per IEGC 1st Amendment (**limited to maximum of 4 (four) revisions of Declared Capacity and schedule in a day subject to a maximum of 60 (sixty) revisions during a month**).

d) CERC Order No.14/SM/2023 dated 30.09.2023, recorded as below:

> *"To avoid any misdeclaration of DC by a generating station, we are of the view that the generating station shall keep a digital record of the reason for the revision of DC, which can be independently verified by RLDC or RPC. The reasons for the revision of DC shall be taken up at RPC to minimize such revision. NLDC is advised to submit a report after a period of 3 months reporting the reasons for such revisions to facilitate suitable regulatory directions in this regard."*

For verification of the reported partial outage, the generating station shall furnish the necessary digital records. Accordingly, the prescribed procedure shall be followed.

Procedure for Reporting and Verification of Partial Outage Events

1. Entities will provide a comprehensive list of probable reasons for causing the partial outage.
2. Entities will also provide the probable indications against each of such reasons that may substantiate the justification for such partial outage.
3. Generating stations are required to submit details regarding partial outage in real time within 60 minutes of occurrence of the partial outage. Any details submitted after 60 minutes from the time of occurrence of the partial outage shall not be considered for DSM calculations. **A Google sheet will be created and circulated by SRLDC for reporting the partial outages.** Time stamp of entry of such partial outages in Google sheet will ascertain the time limit of 60 minutes.
4. Generating stations shall submit Data Acquisition System (DAS) data in attached format in 10 seconds interval from 30 minutes prior to the partial outage to 30 minutes after the partial outage.
5. Generating stations shall submit a proof for each event of partial outage like SOE, logs, screenshot with time stamp etc.
6. Generating stations shall submit a declaration that the details are being submitted for partial outages, are not attributable to reasons like fuel quality variation etc.

It is requested to provide entity-wise name of one nodal officer and his contact details for seeking clarification on any specific partial outage issue, if required.

All concerned entities are requested to furnish the requisite information as above mentioned procedure and format for consideration of their unit's partial outage under DSM Account immediately.

This has been issued in accordance with the decision taken during the 18th NPC meeting held on 18.09.2026.

FORMATS: -

1. Sample Partial Outage Details*:

Week start	6/9/2025
Week end	6/15/2025
Date of Submission	6/9/2025
Generator (as per WBES Acronym)	TSTPP_I
Generator On Bar Capacity	
Generator Unit	UNIT 2
Generator Unit Capacity	
Partial Outage From Date ('yyyy-mm-dd)	2025/06/09
Partial Outage From Time (hh:mm:ss)	17:15
Partial Outage From Block	70
Partial Outage To Date ('yyyy-mm-dd)	2025/06/09
Partial Outage To Time (hh:mm:ss)	
Partial Outage To Block	77
Schedule Change Date ('yyyy-mm-dd)	
Schedule Change Block (as per WBES)	
Reason of Partial Outage	Feeder 2C problem
*These details shall be same as the details of partial outage submitted in real time. If any ambiguity is found in the details, the details provided in real time shall be considered for DSM calculations	

2. Sample Format for furnishing Data in 10 seconds interval from 30 minutes prior to the partial outage to 30 minutes after the partial outage

Time	Partial Unit Outage Output (MW)	Plant Output (MW)
2025/06/09 16:45:10	500	1000
2025/06/09 16:45:20	500	1000
2025/06/09 16:45:20	500	1000
2025/06/09 16:45:40	500	1000
2025/06/09 16:45:50	500	1000
……	…….	……
……	…….	……
2025/06/09 17:14:20	500	1000
2025/06/09 17:14:30	500	1000
2025/06/09 17:14:40	500	1000
2025/06/09 17:14:50	480	980
2025/06/09 17:15:00	480	980
2025/06/09 17:14:50	480	980
2025/06/09 17:15:00	450	940
2025/06/09 17:15:10	450	940

2025/06/09 17:15:20	450	940
2025/06/09 17:15:30	450	940
2025/06/09 17:15:40	450	940
……	…….	……
……	…….	……
2025/06/09 17:44:30	450	940
2025/06/09 17:44:40	450	940
2025/06/09 17:44:50	450	940
2025/06/09 17:45:00	450	940

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