

ADDITIONAL AGENDA-1

FOR

37th MEETING OF COMMERCIAL SUB-COMMITTEE

ITEM-AA1. Draft concept note on 'Merit Order Operation- Flexibility in Generation and Scheduling of Thermal Power Stations to reduce the cost of power to the consumer'-regarding

Ministry of Power vide its letter dated 17th July 2018 issued a draft concept note on 'Merit Order Operation-Flexibility in Generation and Scheduling of Thermal Power Stations to reduce the cost of power to the consumer'. Comments/Suggestions/objections from all stakeholders were invited till 17th August 2018.

The salient provisions of draft concept are:

- i. Optimisation in scheduling of generation to reduce the overall cost of power at the national level.
- ii. RLDC/NLDC to seek total requisition from all beneficiaries against their total entitlement from different stations of the generating company as per the present system.
- iii. Based on requisition received from beneficiaries, RLDC/NLDC shall issue Original Schedule **(R-0)** for the generating stations, as is being done presently, which shall be used for raising bills.
- iv. Based on total power requisitioned by various beneficiaries of the generating company, RLDC/NLDC shall schedule stations of the generating company, subject to transmission constraints, as per Merit order of the generating company.
- v. The station of the generating company having the least ECR shall be fully utilized (upto DC) before scheduling the next station with higher ECR. This is referred to as Merit order operation based Generation Bucket Filling **(GBF)** scheduling.
- vi. RLDC/NLDC shall issue actual dispatch schedule **(GBF-0)** for the generating stations.
- vii. The net benefit realized from supply of power from stations having lower ECR power to in place of costlier thermal power not scheduled shall be shared by the generating company with its beneficiaries in the ration 50:50.

A presentation on the draft concept note will be made by NRPC Secretariat.

Members may discuss.

ITEM-AA2. Availability of at least One DCD at each Substation

For timely energy accounting, SEM data for a particular week should reach NRLDC by Tuesday of the next week from each site. In case meters from that site are not integrated with AMR, a DCD is required to ensure that the data can be made available to NRLDC. Even if all meters at a particular site have been integrated with AMR, DCD should be available at the site to act as a backup in case of any exigency as it has been observed that SEM data through AMR is sometimes not available from sites due network issue. However, there are a few sites where DCD is not available or not in working condition.

It is proposed that each station must have at least one DCD in working condition.

All utilities are requested to provide the list of sites where DCD is not available or not working .

ITEM-AA3. Input data for cost estimation of migration of AMR from GPRS to OPGW

In the 39th TCC/42nd NRPC meeting held on 27th and 28th June 2018, POWERGRID had been advised to submit the cost for shifting of AMR data on OPGW network to NRPC Secretariat by August 2018. All utilities were advised to send details of the coordinators for each site for AMR to GM(AM), NR-1, POWERGRID and NRPC Secretariat within 15 days. However, no such details have been received till date.

POWERGRID has requested the following inputs to estimate the cost and feasibility for migration of AMR system from GPRS to Fiber Optic.

Details required to Migrate the Automatic Meter Reading System (AMR) from GRPS to Fibre Optic						
S. No.	Name of Utility	Name of Station	AMR Commissioned (Yes/No)	Make of Communication Panel	Distance between Communication panel to Data Concentrator Unit (DCU) (Cable laying distance in Meter)	Remarks

All utilities are again requested to send the details of coordinators for each site and the input data as requested by POWERGRID in the requisite format by 15th September 2018.

Members may discuss.