



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
उत्तर क्षेत्रीय विद्युत समिति
Northern Regional Power Committee

No: NRPC /OPR/102/01 /2017/10021 - 10100

Date: 06-09-2017

सेवा में,

सूची के अनुसार

Subject: Meeting Notice for 14th meeting of LGBR Sub-committee.

Sir, महोदय,

The preparation of Load Generation Balance Report (LGBR) for the FY 2018-19 is to be undertaken. In this regard, please find enclosed herewith data formats from Annex.- I to VII for submission of relevant data and maintenance schedule for LGBR 2018-19.

2. These formats are regarding
 - a) Effective Capacity, Auxiliary consumption, etc. of generating stations.
 - b) Maintenance schedule of the machines.
 - c) Addition in Installed capacity (IC).
 - d) Ex-bus Peak and Off-Peak (at 03.00 Hrs) generation in MW and monthly average Ex-bus energy (MU/day).(Excluding Aux. Consumption, Normative Forced Outages and planned outages)
 - e) Peak and Off-Peak demand (03.00Hrs) in MW and average energy (MU/day) on monthly basis (Including Load shedding and restrictions etc.)
 - f) Anticipated power bilateral/ banking agreement with other states (within /outside region) along with hours of exchange and
 - g) Hydro reservoir levels
3. SLDCs are requested to co-ordinate with IPPs and State Generating Companies within their state and submit the data. The above information may please be submitted to seo-nrpc@nic.in by 20th of September, 2017. The formats for submitting above information are available on NRPC website also.
4. It is also intimated that 14th meeting of LGBR sub-committee to finalize annual outage schedule of generating units for FY 2018-19 will be held at **11.30 AM** on **06.10.2017 (Friday)** at **NRPC Secretariat, New Delhi**. Guidelines agreed in 1st meeting of LGBR Sub-committee for finalizing the annual generation outage plan are attached as Annex-VIII for compliance. In addition to aforesaid data, it is requested to submit details of PPA of allocation of new stations/units.
5. The mid-term review of LGBR 2017-18 will also be discussed in this meeting. Therefore, it is requested that the data in the above format for the period from October, 2017 to March, 2018 may also kindly be sent by 20.09.2017.

हेमन्त पाण्डेय
06/09/17

(हेमन्त कुमार पाण्डेय)
अधीक्षण अभियंता

Data format for Load Generation Balance Report (LGBR) 2018-19

1. Effective capacity during the period from April, 2018 to March, 2019 including IPPs machines.

Annex.-I

Station Name	Thermal/ Nuclear/ Gas/ Hydro/ other	Unit No.	Effective capacity	Plant			Remarks (if there is any change)
				Aux Consumption (%)	Forced outage rate (%)	PLF (%)	

2. Maintenance schedule from April, 2018 to March, 2019 including IPPs machines.

Annex.-II

Station Name	Date of BLR (for Thermal/ Gas stations) during 2018-19	Unit No.	Capacity (MW)	Proposed schedule			Reason	Remarks
				From	To	No of days		

3. Likely Addition in Installed Capacity during April, 2018 to March, 2019 including IPPs machines.

Annex.-III

Station Name	Thermal/ Nuclear/ Gas/ Hydro/ other	Unit No.	Capacity (MW)	Month Of		Ex-bus MU/ day		Remarks
				Commissioning	COD	April, 18.	March, 19	

Annex.-IV

4. Monthwise generation, Ex-bus targets in MW (max.during evening peak hour) and average Ex - bus energy (MU/ day) for the period of April, 2018 to March, 2019 (Excluding Aux. Consumption, Normative Forced Outages and Planned outages)

Station Name			Apr-18	May-18	Feb-19	Mar-19	Remarks
	MW (Peak)									
	MW (Off-Peak at 03.00 Hrs)									
	MU/ day									

Annex.-V

5. Monthly requirement in MW (maximum during evening peak hour) and average energy (MU/ day) of constituents for the period of April, 2018 to March, 2019 (Requirement including Load Shedding and Restrictions)

MW or MU/day			Apr-18	May-18	Feb-19	Mar-19	Remarks
MW(Peak)										
MW(Off-Peak at 03.00 Hrs)										
MU / day										

Note : Reason may please be given if growth in demand/ requirements for year 2018-19 are more than 7% as compared to last year 2017-18.

Annex.-VI

6. Anticipated power Import/ Export bilateral agreement/ banking arrangement with other Constituents within or outside Region (Existing and likely) (MW should be maximum during evening peak hour)

6.1. Anticipated power Import/ Export bilateral agreement/ banking arrangement with other Constituents within Region (Existing and likely)

Constituent		MW or MU/day	Apr-18	May-18	Feb-19	Mar-19	Remarks
From	To	MW								
From	To	MU / day								

6.2. Anticipated power Import/ Export bilateral agreement/ banking arrangement with other Constituents outside Region (Existing and likely)

Constituent		MW or MU/day	Apr-18	May-18	Feb-19	Mar-19	Remarks
From	To	MW								
From	To	MU / day								

6.3. Anticipated power share from/ to generating stations of other Constituents within or outside Region (Existing and likely)

Name of Generating Station		MW or MU/day	Apr-18	May-18	Feb-19	Mar-19	Remarks
From	To	MW								
From	To	MU / day								

7. Monthly anticipated water levels and energy content for the period of April, 2018 to March, 2019

Annex.-VII

Name of Hydro station	Month	Levels as on 1st (Ft)	Average inflows during the month (Cusecs)	Average discharge during month (cusecs)	Energy content as on 1st (MU)
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List of members of OCC

Adani PL.	(i) Sh. Nirmal Sharma, VP (O&M), Fax- 0141-2292065 (ii) Sh. Sameer Ganju, Head-Northern Region, Fax No. 011-24115560
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Guidelines agreed in 1st meeting of LGBR Sub-committee for finalizing the annual generation outage plan are:

- (i) Planned shutdown of generating unit, particularly that of 500 MW and above should be avoided during summer particularly during the period from 15-May to 15 August. However, in case of Rajasthan, since their peak demand occurs during winter and also since considerable wind generation is available during summer, planned outage of intra-State generating units may be allowed in summer after careful consideration.
- (ii) Planned shutdown of thermal units (Coal based, lignite based, gas based and Nuclear) should be avoided during winter particularly from 15th December to 30th January.
- (iii) Concurrent shutdown of more than two generating units of capacity 500 MW or more should be avoided.
- (iv) Shut downs in combined cycle gas based stations should be planned in such a manner that operation in open cycle is avoided. For this purpose, whenever shutdown of ST unit is planned, endeavor should be made to carry out maintenance in GT units as well.
- (v) There is not much flexibility as far as planned shutdown of GTs is concerned as the same is to be decided based on Equivalent Operating Hours (EOH). However, possibility of advancing these shutdowns to some extent should be considered so as to follow other guidelines.
- (vi) In case of Gas based station, the generating company shall inform beneficiaries, NRLDC and NRPC Secretariat at least 100 hours before EOH limit is about to expire.
- (vii) Concurrent planned shutdown of two generating unit at a generating station should be avoided.
- (viii) For Central Generating Stations dedicated to a particular State, prior consultation with SLDC concerned would be carried out before finalizing annual generation outage plan.