



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority
प्रचालन निष्पादन प्रबोधन प्रभाग
Operation Performance Monitoring Division

संख्या-CEA-GO-11-24/1/2018-OPM Division

दिनांक: 06-08-2019

To

All Generating Stations

विषय: Electricity Generation Program for the year 2020-21.

महोदय,

As you are aware, Annual assessment and finalization of the generation program and Planned Maintenance Schedules of generating units is undertaken by CEA every year and stations have been providing the data for same to this office well on time.

The generation performance of various stations and their planned & unscheduled outages are regularly monitored in CEA; While monitoring the performance during the current financial year, loss of generation has been observed on account of Reserve shutdown/No Schedule or Low schedules, Power Purchase Agreements (PPAs) and other technical, commercial and Transmission etc. issues; apart from equipment related issues. Thus, this detailed yearly assessment is undertaken with a view to have a more realistic projection of month-wise generation in the coming year in consultation with the Station Authorities.

The yearly assessment and finalization of the generation program for the year 2020-21 is being taken up now and it is requested that, the following details in regard to all power generating units of your organization may please be furnished as per the enclosed formats: -

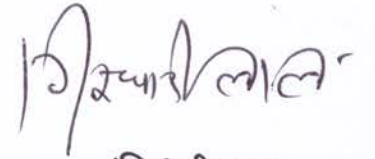
- i) Unit-wise yearly generation (with unit-wise monthly breakup) proposed during 2020-21 taking into account likely fuel availability, the anticipated loss of generation on account of various factors such as grid constraint, low schedule/ Reserve shut down due to high cost, coal/lignite quality etc., if any., (Annex- I (1 to 5))
- ii) Details of Power Purchase Agreement (PPA) with various Discoms, Trader, States etc, (details may be furnished in MW capacity tied up with each party) for Long, Medium and short term and expected generation for next year (Annex -I (point no 6)).

- iii) The details of coal linkage from coal agencies and availability of secondary fuel oil/gas/ liquid fuel **(Annex- I (point no 7 (a) and (b))**.
- iv) Unit wise cost of generation and rate of sale of power. **(Annex – I (point 8))**
- v) Details of unit-wise schedule of planned Maintenance as approved by the respective RPCs (Regional Power Committees), and unit-wise R&M planned to be carried out during 2020-21., The same may also be appropriately considered while furnishing expected generation **(Annex- IIA)**.
- vi) In addition to above, it is also requested for furnishing details of unit-wise schedule of planned and actual Maintenance during the remaining period of 2019-20 **(Annex- IIB)**.

It may please be ensured that above details/information are provided **by 15th September, 2019 positively**, so as to enable us taking further necessary action in the matter. For the convenience of the generating utilities, the input formats are also being made available at our website <http://www.cea.nic.in>. The information may please be furnished electronically at the email address targetopmcea@gmail.com or ceopm-cea@gov.in

For any other query/ clarification any of the following officers may be approached.

1. S.K. Maharana, Director, sk.maharana@gov.in , 011- 26732663
2. Gourav Jasuja, Deputy Director, gourav.jasuja@nic.in , 011 26732615
3. Pawan Kumar Meena, Assistant Director, pawan9891192914@gmail.com , 01126732851



(गिरधारी लाल)
निदेशक

Station name (As per Monthly Generation Report of CEA):-----

Organisation:-----

Unit wise yearly generation Program for the year 2020-21

Annex-I (1 of 2)

1. Contact Details

Sr. no	Name	Designation	email	Phone no.	Fax. no.
1					
2					

2. Units existing on 31.03.2019

Unit No.	Capacity (MW)	Date of commissioning	2019-20 generation details (MU)				2020-21 generation details (MU)			Remarks
			Program for 2019-20	Total Anticipated Gen for Sept 19 to March 20 (MU)	Total Anticipated Gen for 2019-20 (MU)	Reason for low generation (if any)	Anticipated maximum Generation capability (MU)	Anticipated Generation (MU)	Reason for variation from Maximum Capability	

3. Units Commissioned during 2019-20

Unit No.	Capacity (MW)	Date of commissioning	2019-20 generation details (MU)				2020-21 generation details (MU)			Remarks
			Program for 2019-20	Total Anticipated Gen for Sept 19 to March 20 (MU)	Total Anticipated Gen for 2019-20 (MU)	Reason for low generation (if any)	Anticipated maximum Generation capability (MU)	Anticipated Generation (MU)	Reason for variation from Maximum Capability	

4. Units likely to be commissioned during 2020-21

Unit No.	Capacity (MW)	Expected date of commissioning	Expected Generation 2020-21 (MU)	Remarks

Note: Please furnish the month-wise break-up of yearly generation in a separate Sheet keeping the similar format.

5. Loss of Generation due to Grid Constraints/ Low schedules /fuel related issues during 2019-20

Transmission Constraints/ power evacuation problems/ low schedule/high fuel cost

S No.	Details of the Constraint	Loss so far (Apr'19-Aug'19)		during 2019-20	
				Anticipated Period of constraint	Anticipated loss of generation (MU)

6. PPA details

Capacity (MW)	With DISCOM			With State Trading Cos.				With PTC / other trading cos.				Untied (MW)
	State of Discom	Quantum (MW)	Duration (Yrs)	Quantum (MW)	b/b PPA with Discom (name of Discom)	quantum of b/b PPA in MW	Duration of b/b PPA (Years)	Quantum (MW)	b/b PPA with Discom (name of Discom)	quantum of b/b PPA in MW	Duration of b/b PPA (Years)	

7(a)Coal Linkage for coal based plants

Unit No	Domestic linkage (MT)	Source	PLF from this coal linkage during the year (%)

7(b)Gas availability for gas based stations

Varoius sources	Figures in MMSCMD	PLF from this gas availability during the year (%)

8. Cost of Generation:

Unit No	Cost of Gen. (Paise/kwh)	Rate of Sale of Power (Paise/kwh)

Planned maintenance Schedules including R&M activities

A) R&M of Units likely to be completed during 2019-20 & 2020-21

Station name	Unit No.	Capacity (MW)	R&M Schedule	
			From date	To date

B) Annual Overhaul/ Boiler overhaul

Station name	Unit No.	Capacity (MW)	AOH Schedule	
			From date	To date

C) Capital Overhaul

Station name	Unit No.	Capacity (MW)	COH Schedule	
			From date	To date

D) Other maintenance if not included above such as PG tests (new units) and Boiler inspection

Station name	Unit No.	Capacity (MW)	Schedule		Reason
			From date	To date	

Actual and Planned maintenance Schedules including R&M activities

A)

Actual Maintenance Schedule during 2019-20

Station name	Unit No.	Capacity (MW)	From date	To date	No. of Days	Outage reason

B)

Planned Maintenance Schedule during remaining of 2019-20

Station name	Unit No.	Capacity (MW)	From date	To date	No. of Days	Outage reason