

Prasar Bharati
(India's Public Service Broadcaster)
Prasar Bharati Secretariat
Prasar Bharati House
Copernicus Marg, New Delhi- 110001

No. PB/Audit-Misc/(18-19)/199

Dated: 26.04.2019

Subject: Analysis of Electrical Energy consumption of Setups of Prasar Bharati.

Reference: (1) PBS OM no. Misc-03/2018-19/Budget dated 20.09.2018 (copy enclosed). (Pg. 1/c)

(2) PBS letter Misc(Budget)/(18-19)/ dated 25.10.2018 (copy enclosed). (Pg. 2/c)

Prasar Bharati Secretariat had requested vide above letters to take necessary steps to reduce the Contracted electrical load of field formations besides stopping wastage of electricity. The related data was also shared with both the Directorates: AIR and DD in this regard. However, no action taken report has been provided in this matter even after six months to stop the wastage of funds in electricity bills.

2. Further, the Audits (C&AG) are still reporting the problem of higher Contractual electrical load to actual requirement. The Principal Director of Audit (Central), Bengaluru has recently highlighted the similar problem at DD-HPT, Shivmogga vide its inspection report no. PDA(C)/CAB/2018-19/A/93 dated 02.04.2019 (copy enclosed). ↳ (Pg. 7/c)

3. Thus, it is again requested that detailed action taken report may kindly be provided by respective Directorates in this regard as soon as possible.

Encl: As above


(C.K. Jain) 26/4/2019

Deputy Director General (F)

E-in-C, AIR

E-in-C, Doordarshan

Email Copy to:

1. DG: AIR/DD, ADG (F): AIR, DD, ADG (NABM)

2. Zonal ADG (E) & ADG (P), Chief Engineer (CCW)

✓ 3. DE(T), PBS: request for uploading order on PB website for compliance by all offices under PB.

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PRASAR BHARATI
(INDIA'S PUBLIC BROADCASTER)
PRASAR BHARTI SECRETARIAT
PRASAR BHARTI HOUSE, COPERNICUS MARG
NEW DELHI-110011

No. Misc(Budget)/(18-19)/123

Dated: 25.10.2018


Subject: Analysis of Electrical Energy consumption of Setups of Prasar Bharti.

Reference: PBS OM vide letter No Misc-03/2018-19/Budget dated 20.09.2018

Budget wing of Prasar Bharti Secretariat had requested the details related to electrical energy consumption of field formations vide above referred OM & accordingly, emails were sent via Zonal Offices to field offices to collect data directly through **Google form link**. But, only 170 field formations (AIR & DD) had provided data till date (data is being shared). However, followings are observations and point of urgent actions to concerned authorities.

1. The difference between electrical contracted load & existing peak load of any setup should be minimized after following due guidelines of the respective state electricity boards. The electrical contracted load should only be enhanced, if required, for future DTT/FM expansion after placing of supply order. Hence, accordingly excess contracted load should be reduced with the approval of the competent authority.
2. Substantial variations have been observed in the consumption of power for identical setups/connected Load (i.e. similar kind/Power/Make of Transmitters/setups). Hence, zonal offices have to analyse the discrepancies in this matter.
3. In order to make proper assessment of energy consumption of high energy consuming equipments & plants (sub systems) like central A/C plants, Transmitters, Studios etc. and be able to control such consumption, Stations with annual energy bill more than Rs. 50.00 Lakhs may consider installing **dedicated power meters** for such equipments & plants (sub systems). The consumption pattern of such *portions* may be used to make proper analysis and take necessary actions for reducing consumption wherever required. The power meters to be deployed should be efficient with logging facilities including other essential parameters tracking. The Directorates are to recommend uniform/cost-effective specifications of such meters in consultation with Zonal offices. This installation should be done within the available SBG of stations.
4. The engineering wings of both the Directorates are requested to frame **in-house-energy-audit** format & Zonal offices should carry out internal-energy-audit (based on this format) at first three highest energy consuming installations and stations on which regular Pf penalty has been imposed. The focus of this audit should be to suggest ways to reduce power consumption and therefore the expenditure on energy bills. More focus can be given on efficient use of central air-conditioning plants in technical areas, studio lights & other office air-conditioners etc. Further, the use of conventional lights may be minimized.
5. There is also a need to enforce uniformity in electrical installations in stations with similar facilities for better assessment of consumption patterns & ultimately be able to adopt most efficient systems. Thus, special attention should be given to conserve energy by effective monitoring of electrical installations and to be able to reduce the recurring expenditure.

It is requested that action taken report may be submitted by respective directorates in this regard within 30 days of issue of this order.


(Rajesh Kumar Sharma)
Deputy Director (B&A)

Engineer-in-Chief, AIR & Doordarshan

Analysis of Contracted Electrical Load & Electrical Energy consumption of offices/ Setups of Prasar Bharti

1 message

PB Budget Division <pbudgetdivision@gmail.com>

Thu, Sep 20, 2018 at 1:02 PM

To: Fayyaz Sheheryar <dgair@air.org.in>, Supriya Sahu <dgdd.doordarshan@gmail.com>, CBS Maurya <einc@air.org.in>, eincdoordarshan@gmail.com, adgep@air.org.in, cem@air.org.in, delhi.stit@air.org.in, cenz@air.org.in, kolkata.cee@air.org.in, rgdastidar@hormail.com, cem.cee@air.org.in, aircewz@vsnl.com, adgavmsz@gmail.com, cem.cenez@air.org.in, CK Jain <ddgfinpb@gmail.com>, JUGAL CHANDIRA <jkchandira@gmail.com>

No. Misc-01/001(6)2018-19/Budget

Dated: 20.09.2018

OM NO.-03/2018-19/BUDGET

Subject: Analysis of Contracted Electrical Load & Electrical Energy consumption of offices/ Setups of Prasar Bharti.

Budget Section of Prasar Bharati Secretariat is studying and analysing the areas, where substantial savings are feasible. Optimization of the Electrical energy consumption & its billing is one of such area. Thus, emails are being sent to O/o ADG(E)(DDM/AVM) of all zones with the request to forward the same email to their field formations (except DMCs) to fill the details related to electrical energy consumption directly in Google form by clicking the below link.

https://docs.google.com/forms/d/e/1FAIpQLSdxEdcc-CIbI4rnIavxHcg8VhwVf8mo9nPHviWMHSb_MOxP10A/viewform?usp=sf_link

The Engineering wing of both the Directorates is requested to instruct accordingly for providing correct details within 15 days of issue of this order. It is also requested that Sh Deepak Dhiman, Cost Trainee may kindly be approached, in case of any issue on his email id: cmadeepakdhiman@gmail.com.

Rajesh Kumar Sharma
Deputy Director (B&A)

ADG (E-HQ): AIR/DD,
ADG (E): NABM

Email Copy to:

1. DG:AIR/DG:DD/E-in-C (AIR & DD) for kind information.
2. ADG(E)(DDM/AVM) (NZ/SZ/WZ/EZ/NEZ) with request to ensure that all their field units fill Google forms within 15 days of issuing of this order.
3. DDG (T) (PB): with the request to get it uploaded on PB web-site.

Electrical Energy Consumption Pattern Study by PBS.pdf
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