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भारत संचार निगम लिमिटेड
(भारत सरकार का उपक्रम)
BHARAT SANCHAR NIGAM LIMITED
(A Govt. of India Enterprise)

No. 23-1/2011-NWOI-CFA

Dated the 22nd March, 2011

To

CGMs/GMTDs/TDMs
Territorial Telecom Circles/Districts/Mtce. Regions/SSAs

Sub: Guidelines related to Cost Optimization – Network Operations reg.

Based on the approval of CMD, BSNL, a committee is working on the development of a feasible plan regarding cost optimization initiatives for network operations and strategic realignment of capacity management in BSNL network.

The committee has decided that as an interim measure following guidelines regarding expenditure optimization initiatives be issued immediately for implementation by all concerned units:

A. Capacity of Wireline Exchanges and their utilization

1. Installed capacity of wireline switches as per working DELs shall be seen by each SSA. The actual installed capacity based on actual availability of functional physical cards shall be declared by each SSA. They shall work out a plan to redeploy the spare capacity for setting up of new remote exchanges wherever economically viable and operationally desired after approval from CGM and concurrence of GM (F) of Circle.

For this purpose, it is recommended that a multi disciplinary 3-4 members committee headed by DGM in-charge of Switching/CFA network be formed with officers of DGM/AGM level from Consumer Mobility/ Enterprise/ Finance/ Admin etc. (as available) in all SSAs. Wherever suitable officers are not available then the officers of neighboring SSAs may be co-opted.

It is emphasized that the committee should verify actual installed capacity based on actual loading i.e. based on availability of functional cards. The shortfall, if any, with reference to declared installed capacity should be commented upon from the perspective of availability of recorded details like burnt cards, damage etc.

It is also to be emphasized that this exercise should be independent of any physical verification w.r.t. Asset Register and the intended purpose is only assessment of installed capacity from the perspective of AMC costs.

2. SSAs should also work out spare capacity which could not be utilized. They should make a plan to decommission such capacity if it is not possible to redeploy it.

B. Optimization of Power Plant

1. This office letter No.23-1/2011-NWOI-CFA dtd 17th February- 2011 may be referred. It is recommended that all Circles/SSAs be instructed to review the deployment of multiple power plant/battery set up at a single location which might be serving different network elements. The possibility & feasibility of optimizing i.e. using single power plant instead of multiple power plants be explored and implemented wherever one power plant is able to take care of load of all the installation.


For this purpose a holistic view across all network elements should be taken, for e.g. certain locations may have Landline Exchange/GSM/WIMAX/Broadband equipment available at same location.

2. It is also recommended that Circle/Maintenance Region (STR/NTR/WTR/ETR) should share the common power plant and separate power infrastructure of SSA & Maintenance Region at single location may not be permitted.
3. Power factor shall be checked in every exchange building.
4. This shall be worked out without significant extra investment.

C. Optimization of Air-Conditioning

1. SSAs shall review the air-conditioning load and explore the possibility of reducing the air-conditioning load by re-alignment of available cards in available racks in a manner so as to reduce the space for air-conditioning.
2. SSA should also explore the possibility of deploying free cooling system at BTS and other locations as communicated vide CO order MOB-20/Infra-2009 dated 26.06.2009

All Circles/SSAs/Mtce. Regions are requested for compliance of these instructions and submit a consolidated report along with suggestions related to Cost Optimization to Corporate Office by 15.04.2011 positively.


(H. R. Shukla)
Sr. GM (NWO-CFA)

Copy for kind information to:

1. CMD BSNL
2. Director (Enterprise/CFA/CM/HRD/Finance) / CVO BSNL
3. Executive Director (Finance / CN/ NB / CA)