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

No. 3-1-29/ EW/2002

Dated :- 28.06.18

To

All CGMs,
BSNL

Subject :- Reduction in Energy Expenses

Approval of Dir.(Finance) is hereby conveyed for the following :-

1. Overall target for saving in energy expenses for 2018-19 shall be 700 Crores. Accordingly, Circle wise targets for reduction in ratio of energy expenses to revenue for 2018-19 shall be as per Annexure - I. Similar target assignment may be done for different SSAs/Units by the Circle Head.
2. A list of short term, medium term and long term measures along with the approved responsibility matrix is attached as Annexure – II.
3. Any other measure implemented successfully which has resulted in reduction in energy expenses may be shared with this office for consideration of Energy Core Group at BSNL CO for implementation on Pan India basis.
4. The Implementation of the enclosed measures for reduction in energy expenses at Circle level shall be monitored by concerned CE(Elect.) and monthly progress report collected from concerned units in the shared proforma are to be submitted by 7th of consecutive month for perusal of Dir.(Finance).

Encl.:- As above.

लोकेश कुमार
28/6/2018
(Lokesh Kumar)
AGM(Elect.) II

Copy for information to :-

1. PPS to Dir.(Finance)

Circle	All amount in Rs. Crores				% Energy Expenses to Revenue	Target Ratio	Energy expense to revenue ratio reduction Target
	2017-18						
	Electricity Charges per month	Fuel Charges per month	Total Fuel and Elect Charges per month	Revenue per month in crores			
Andaman & Nicobar	0.48	0.02	0.50	7.0	7.2	6.08	15%
Himachal Pradesh	1.61	0.16	1.77	29.0	6.1	5.20	
Kerala Telecom	15.46	2.15	17.61	220.0	8.0	6.80	
Andhra Pradesh Tel	17.29	0.67	17.95	200.0	9.0	7.63	
Karnataka Telecom	13.27	1.82	15.09	165.0	9.1	7.77	
Chennai Metro Dist	5.51	0.14	5.66	60.0	9.4	8.01	
North East - I Tel	1.28	0.11	1.39	13.0	10.7	8.04	25%
Uttaranchal Teleco	1.57	0.25	1.82	17.0	10.7	8.04	
Gujarat Telecom	11.20	0.25	11.45	105.0	10.9	8.18	
Orissa Telecom	5.28	0.52	5.81	52.0	11.2	8.37	
Tamil Nadu Telecom	14.30	1.81	16.12	140.0	11.5	8.63	
Kolkata Metro Dist	5.00	0.06	5.07	43.0	11.8	8.84	
Jharkhand Telecom	2.65	1.22	3.86	32.0	12.1	9.05	
North East -II Tel	0.51	0.61	1.13	9.0	12.5	9.39	
Maharashtra Telecom	25.52	1.26	26.78	212.0	12.6	9.47	
Madhya Pradesh Tel	6.89	0.57	7.46	54.0	13.8	10.36	
Jammu & Kashmir	2.18	1.17	3.35	23.0	14.6	10.94	35%
Chhattisgarh Telec	3.16	0.07	3.24	21.0	15.4	10.02	
Rajasthan Telecom	10.77	0.67	11.44	73.0	15.7	10.19	
Punjab Telecom	10.43	1.24	11.68	69.0	16.9	11.00	
Haryana Telecom	5.66	1.61	7.27	42.0	17.3	11.25	
Assam Telecom Circ	3.81	0.81	4.62	25.0	18.5	12.00	45%
West Bengal Teleco	6.60	0.21	6.81	31.0	22.0	12.08	
UP (E) Telecom	13.03	6.45	19.48	76.0	25.6	14.10	
UP (W) Telecom	7.61	2.86	10.47	40.0	26.2	14.40	
Bihar Telecom Circ	3.57	2.98	6.55	23.0	28.5	15.67	
All Others	4.69	0.46	5.16				
Target Energy Expense to Revenue Earned ratio to be the benchmark.							
	Energy Expenses /Revenue Ratio	Target for reduction in Ratio					
	<10%	15%					
	10-15%	25%					
	15-20%	35%					
	20-30%	45%					

3/10/18
28/06/18
DGM(EW)
BSM2 C.O.

S. No.	Measures	Officer Responsible
Short Term Measures (Within Two Months)		
1.	Reduction in Contract Demand to reduce fixed charges	CE (Elect.) & SSA Head
2.	Filter cleaning of all equipments (subsequently repeated quarterly)	CE (Elect.) & SSA Head
3.	Increasing set point of air conditioners in BTS sites to 30 deg C	GM(CM) & SSA Head
4.	Discontinuing office area cooling with Package ACs	CE (Elect.) & GM of the concerned unit
Medium Term Measures (Within Four Months)		
1.	Replacement of Package AC units with any other economical AC like Split/ Ductable etc.	CE (Elect.) & SSA Head
2.	Shifting all HPACs inside the switch room as far as possible	CE (Elect.) & SSA Head
3.	Clubbing of multiple power plants/battery banks	SSA Head
Long Term Measures (Within Six Months)		
1.	Clubbing of Air Conditioning Areas in a building at one location, thereby reducing total air conditioned area.	CE (Elect.) & SSA Head
2.	Removal/Downsizing of DG Sets	CE (Elect.) & SSA Head
3.	Closure of non- electrified BTS Sites	GM(CM) & SSA Head

Zunite
28/06/2018

DEM (EW)
BSN2 C.O.