

INFORMATION OF THE

DEMAND SIDE MANAGEMENT

B.E.S. & T. Undertaking

(Information mandatory under section 4 of Chapter II of
Right To Information Act, 2005)

CHAPTER II – (Right to information and obligations of public authorities)

4.(b)(i) : the particular of its organization, functions and duties

The particular of department:-

Name of the department	Demand Side Management (DSM) Cell.
Address	3 rd Floor, Back bay Veej Bhavan, Plot No. 149 / 150, Gen. J. Bhosale Marg, Nariman Point, Mumbai – 400 021.
Contact No. (Tel)	22828098, 22816250Extn. 520, 521, 522.

1. The Functions and duties of department :-

- 1.1 Consumer survey & Load research.
- 1.2 Conduct of DSM and Demand Response potential Studies, Setting short and long-term DSM targets.
- 1.3 DSM Programmes, Portfolio and Plans preparation, documentation, routine monitoring and Regulatory reporting.
- 1.4 Preparation of annual DSM Budgets.
- 1.5 DSM programme level dispute resolution.
- 1.6 Development of DSM related centralized information system and database to aid DSM planning, programme design, cost assumptions and Evaluation, Measurement & Verification Implementation of DSM plans and programmes that are approved by the Commission Inventory of DSM Programmes, costs, achievements, and lessons learned.
- 1.7 DSM measure wise estimation of deemed savings, costs and timing, avoided power costs.
- 1.8 Research and analysis in support of DSM plans.
- 1.9 Providing inputs to:
 - Centralised Information system / database development work;
 - Research and analysis work;
 - DSM and demand response Potential studies;
 - Any other activities suggested by the DSM-CC or as directed by the Commission.

4.(b)(ii) : The powers and duties of its officers and employees :-

Designation	On roll staff
1. Deputy Chief Engineer :-	01
2. Superintendent	01
3. Asst. Engineer	01
4. Deputy Engineer	-
5. Sub Engineer	-
6. A.A.O.	01
7. Supervisor	01
8. clerk	-
9. Nawghany	On loan

1. The powers and Duties of Deputy Chief Engineer :-

Demand Side Management works under overall control and supervision of Deputy Chief Engineer (DSM). DCEDSM is the official BEST representative in the DSM consultation committee of Maharashtra electricity Regulatory Commission (MERC). DCEDSM communicates with MERC and other utilities in DSM matter on behalf of BEST Undertaking. DCEDSM shall be responsible for the overall administration of the various activities of the DSM Cell.

2. The powers and Duties of Superintendent:-

Works as a research officer, studying and developing DSM plans and proposals. Planning overall DSM cell activities in consultation with DCEDSM and arrange necessary resources and facilities for their successful execution. Administer the day to day working of the DSM cell and ensure smooth office functioning.

3. The powers and Duties of Asst. Engineers:-

Works as research officer along with DCEDSM and Superintendent DSM cell on various DSM projects. Prepares project and program reports for DSM cell. Arranges for field execution of various DSM activities and monitors their progress.

4. The powers and Duties of Assistant Adm. Officer:-The Office Assistant shall supervise the work of the clerical staff. Deal with all establishment matters and any other job entrusted by superiors. Prepare establishment schedule, budget estimates and administrative reports. Maintaining records of staff, equipment, research studies & Initiating / following up of procurement of various requirements such as furniture, office equipments etc. Maintaining general upkeep and cleanliness of the office.

5. **The Duties of Supervisor:** - Carrying out all establishment matters and any other job entrusted by superiors. Maintaining confidential files, records, papers etc. Forwarding monthly, quarterly annual statements and reports to management and other statutory bodies. To assist AAODSM in routine administrative matter. Dispatch work in respect of inward/outward registers, maintaining petrol requisitions, register and issue of petrol requisition books.
6. **Nawghany:** - Cleaning and dusting of office furniture. Carrying dispatch to the departments located in the head office and various other offices. Bringing materials / stationery from stores. Taking out reference files from the cabinets / cupboards and keeping them back. Collecting and distributing internal papers from the tray. Attending to call bells of officers. Miscellaneous official tasks assigned by officers.

4.(b)(iii) : the procedure followed in the decision making process, including channels of supervision and accountability:

Demand Side Management (DSM) cell works under overall control and supervision of Deputy Chief Engineer (DSM). Superintendent and Assistant Engineer assist to DCEDSM for executing the DSM activities. They work as research officers, studying and developing DSM plans and proposals for management and MERC approval. Planning DSM activities in consultation with DCEDSM. Arrange necessary resources / facilities for field execution of various DSM activities and monitor their progress. Prepare project and program reports for submission to management and MERC.

4.(b)(iv): the norms set by it for the discharge of its functions:

DSM Cell functions within the norms set by MERC. DCEDSM attend DSM CC meetings, participate in interaction forum meetings and communicates with MERC and other utilities in DSM matter on behalf of BEST Undertaking. MIS forwarded every month to Management. DSM activities quarterly report and annual report submitted to MERC.

4.(b)(v) :the rules, regulations, manuals and records held by it or under its controls or used by its employees for discharging functions:-

DSM Cell operates within the framework of DSM regulation of the MERC. It has own departmental manual, departmental files and staff service records, which are used by employees for discharging its functions.

4.(b)(vi) :the statement of the categories of documents that are held by it or under its control:-

DSM Cell holds the documents / files like –

- DSM Regulations.
- Consumer Survey and Load research report.
- DSM Pilot Project Design Documents (PDD) & its approvals.
- Project execution details.
- Administrative files, etc.

4.(b)(vii) : the particulars of any arrangement that exists for consultation with or representation by the members of the public in relation to the formulation of its policy or implementation thereof:-

Not Applicable.

4.(b)(viii) : a statement of the boards, councils, committees and other bodies consisting of two or more persons constituted as sits part or for the purpose of its advice, and as to whether meetings of those boards, councils committees and other bodies are open to the public or the minutes of such meetings are accessible for public :-

Not Applicable.

4.(b)(ix) : a directory of its officers and employees :-

Sr. No.	Name of officer/staff	Design	Grade	Ch. No.	P.S. No. of March, 2011
1.	Shri P.R.B. Nair	Dy.chief Engineer	A-2	210623	108/01
2	Shri G.G Gokhale	Supdt.	A-4	211464	108/01
3	Shri S.A Jadhav	Asst. Engineer	A-3	215194	108/01
4	Shri S.S Todsam	Assistant Adm. Officer	AG/VIII	217286	108/01
5	Shri N.B Bangar	Sup(p)	AG/VII	187220	108/01
6	Shri R.N Sawant	Nawghany	P1/T1	411892	451/07

4.(b)(x) : the monthly remuneration received by each of its officers and employees including the system of compensation as provided in its regulations:-

As on January 2013.

Sr. No.	Title	Name of officer/staff	Designation	Basic PAY (Rs)	Monthly remuneration (Basic+Allowances) (Rs)
01		Shri P.R.B. Nair	Dy.Chief Engineer	33260/-	75155/-
02		Shri G.G Gokhale	Supdt.	28925/-	47575/-
03		Shri S.A Jadhav	Asst Engineer	19775/-	27264/-
04		Shri S.S Todsam	AAO	11930/-	16880/-
05		Shri N.B Bangar	Sup(p)	14050/-	17938/-
06		Shri R.N Sawant	Nawghany	8315/-	11548/-

4.(b)(xi) : the budget allocated to each of its agency, indication the particulars of all plans, proposed expenditures and reports on disbursements made :-

Load Management Charge (LMC) fund levied to the consumers as per the commission's order in the year 2005. This fund is to be utilizing for DSM activities till it exhaust with approval from MERC. At present, LMC fund is available with BEST Undertaking. Details of LMC fund and its budget allocation / utilization over the years for DSM activities are as follows.

Financial Year	LMC Fund in Crs.		Budget Provision in Lacs.	Actual Expenditure in Lacs.	DSM activities carried out
	Opening Balance	Opening Balance			
2005-06	9.675	-	-	-	Establishment of DSM Cell, Engaging agencies for consumer survey & load research, Energy auditing for pump, Joint media campaign for consumer awareness, Consumer education regarding energy conservation, Arranging capacity building for employees and consumers, Participation in Empower 2009 & IITF 2010, Execution of pilot DSM programs i.e. T5FTL, 5 star Ceiling fan, 5 star split AC & Thermal Energy Storage. Preliminary study for Demand Response, Arrange Interaction forum meet, participation in DSMCC meeting, etc.
2006-07	9.675	9.138	236.37	53.69	
2007-08	9.138	7.658	97.50	147.99	
2008-09	7.658	7.313	405.00	34.46	
2009-10	7.313	6.914	364.85	39.85	
2010-11	6.914	6.530	363.00	38.44	
2011-12	6.530	6.108	271.12	42.31	
2012-13	6.108	5.694	210.37	41.39	

The budget allocation:-

Capital budget estimates for FY 2012-13, 2013-14 & 2014-15

(Rs. In lakhs up to 2 decimal)

Particulars	FY 2012-13	FY 2013-14	FY 2014-15
Furniture & office equipment	0	0	0
Tools & equipment	0	0	0
Total	0	0	0

Revenue budget estimates for FY 2012-13, 2013-14 & 2014-15

(Rs. In lakhs up to 2 decimal)

Particulars	FY 2012-13	FY 2013-14	FY 2014-15
Establishment	0	0	0
Administration & general expenses	8.22	14.97	16.57
Repairs & maintenance	0.65	0.4	0.5
Expenses for consumer education / DSM activity	201.5	201.2	401.4
Total	210.37	216.57	418.47

The plan proposed:-

The following DSM projects are scheduled by BEST:

1. Replacement of conventional FTLs by T5 FTLs.
2. Replacement of conventional ceiling fans by 5 star labelled fans.
3. Replacement of old window AC's by 5 star rated split AC's.
4. Thermal storage for Central AC Plants.
5. Replacement of old chillers by new efficient screw type chillers.

4.(b)(xii) : the manner of execution of subsidy programmes including the amounts allocated and the details of beneficiaries of such programmes:-

To support consumers in replacing inefficient electrical equipment, BES&T Undertaking is launching its pilot Demand Side Management programs in Energy efficient Tube lights, fans, Air conditioners, etc. for the consumers residing in 'A' ward. Details of the program are as follows:

Sr. No.	Equipment replacement		Target Group (Consumers tariff category according to consumption)	Quantity offered in nos.	Budget allocation in lakhs.	Special Rebate offered by BEST for this program per equipment / per TR in Rs.
	Old	New				
1	Lighting Pilot Program					
1.1	T 12 FTL 52 watt	T5 FTL 31 Watt	LT I 0-100 units	10000	91.25	200.00
			LT I 101-300 units	10000		200.00
			LT II 0-300 units	5000		150.00
2	HVAC Pilot Program					
2.1	Ordinary ceiling fan 80 watt	5 star label ceiling fan 55watt	LT I 0-100 units	2000	79.52	747.00
			LT I 101-300 units	2000		747.00
			LT II 0-300 units	1000		653.63
2.2	Window AC 1 TR 1430 Watt	5 star label split AC 1TR 1000 Watt	LT II 300-1000 units	200		7000.00
2.3	Thermal Energy Storage		LT II & HT II 0-10000 units	500 TR		5000.00

4.(b)(xiii) : particular of recipients of concessions, permits or authorizations granted by it :-

Not Applicable.

4.(b)(xiv) : details in respect of the information, available to or held by it, reduced in an electronic form :-

The information in respect of DSM Activities is available in the form of electronic on the website viz. www.bestundertaking.com.

4.(b)(xv) : the particulars of facilities available to citizens for obtaining information including the working hours of a library or reading room. if maintained for public use:-

Not Applicable.

4.(b)(xvi: the names, designations and other particulars of the public information as may be prescribed: and thereafter updated these publications every year :-

Not Applicable.

4.(b)(xvii): such other information as may be prescribed :-

Not Applicable.

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