

**BEFORE THE
MAHARASHTRA ELECTRICITY REGULATORY COMMISSION
World Trade Centre, Centre No.1, 13th Floor, Cuffe Parade, Mumbai-400 005**

Case No. 1 of 2001

**IN THE MATTER OF
Determination of tariff applicable to various categories of consumers of the Maharashtra State
Electricity Board**

**Mr. P.Subrahmanyam, Chairman
Mr. Venkat Chary, Member,
Mr. Jayant Deo, Member.**

Date of Order: - 11th April 2002

CLARIFICATORY ORDER

The Commission has passed Tariff Order dated January 10, 2002 in Case No. 1 of 2001 in the matter of Determination of Tariff (2001-2002) applicable to various categories of consumers of the Maharashtra State Electricity Board.

The Commission hereby issues Clarifications to the said Order **in response to the references** made to it by the MSEB vide its letter No.PR-3/ Tariff/5878 dated 15.02.02, and by various consumers/ consumer organizations/ representatives viz.,

1. Motilal Hirakhan Ginning & Pressing Factory vide letter No.- dated 21.01.02,
2. Thane District Industries Power Forum vide letter No.TDIPF/MERC/412 dated 05.01.02, and letter No.TDIPF/MERC/C12 dated 12.02.02
3. Jadavji Kanji Sons Ginning & Pressing Company vide letter No.- Nil dated 31.01.02, etc., as follows: -

[I] Powerloom Flat Rate Consumers-T & D loss charge: -

[Refer Page No. 16 & 179 - of the Tariff Order dated 10th January 2002- Summary of LT Tariff table (last column)] -

T & D loss charge for Power loom Flat Rate consumers' category will be Rs. 30 / loom / month.

[II] Seasonal Consumers: -

[Refer Page No.34, of the Tariff Order dated 10th January 2002-Last Para - 3rd to 5th lines will be read as] -

However, keeping in mind the Petitions received from the seasonal consumers, the Commission has decided to rationalise the demand charges and the energy charges for this category.

[III] Optional ToD Tariff to LTP-G Category: -

[Refer Page No.95, of the Tariff Order dated 10th January 2002- First Para - Last line will be read as] -

Optional ToD tariff is available for all LTP-G consumers, irrespective of whether they opt for LTMD based tariff, but provided they have installed ToD meters.

[IV] Capitalisation Rate: -

Refer Page No.147, of the Tariff Order dated 10th January 2002-Last Para - Second last line will be read as: -

The Commission has applied a capitalisation rate of 16.4%, which is the average capitalisation over the past five years.

[V] FOCA basic data for Generation and Purchase: -

The following data shall be read as supplementary note of the MERC's Order dated 10th January 2002: -

(a) Generation & Generation Parameters for MSEB's Own Stations - [Actuals for the period April 2001 - September 2001]: -

Station	Gross Generation	Aux. Cons.	Net. Generation	Total Cost
	MU	%	MU	Rs. Cr
Khaparkheda - I & II	2600	8.50	2379	185
Khaparkheda - III & IV	Included in Above			
Paras	191	9.70	172	21
Bhusawal	1658	10.00	1492	139
Nasik	2903	9.00	2642	339
Parli	1994	9.70	1801	220
Koradi	2895	9.80	2611	269
Chandrapur	7282	7.60	6729	496
Gas Thermal	1841	2.40	1797	118

(b) Power Purchase - CGS Stations - [Actuals for the period April - September 2001]: -

Power Station	Net Drawn (MU)	Net Purchased (MU) After Transmission Losses	Total Cost (Rs.Cr)
Tarapur	529	515	44
Kakrapar	938	891	268
Korba	2592	2463	222
Vindhyachal	2303	2188	350
Kawas	586	557	217
Gandhar	503	477	153

(c) Summary of Net Drawn Units and Net Purchased Units from CGS Stations: -

Power Station	April-Sept	Oct	Nov	Dec	Jan	Feb	March	Total
Net Drawn (MU)								
Tarapur	529	107	104	107	107	97	107	1158
Kakrapar	938	165	160	165	165	149	165	1907
Korba	2592	447	433	447	447	404	447	5216
Vindhyachal	2303	517	501	517	517	467	517	5341
Kawas	586	34	92	84	81	83	103	1064
Gandhar	503	80	77	80	80	72	80	971

(c) Summary of Net Drawn Units and Net Purchased Units from CGS Stations (contd...): -

Net Purchased (Landed Million Units after Transmission Losses)								
Tarapur	515	104	101	104	104	94	104	1128
Kakrapar	891	157	152	157	157	142	157	1811
Korba	2463	425	411	425	425	383	425	4956
Vindhyachal	2188	492	476	492	492	444	492	5074
Kawas	557	33	87	80	77	79	98	1011
Gandhar	477	76	73	76	76	68	76	922

(d) Generation & Generation Parameters for MSEB's Own Stations [Projections for the period October 2001-March 2002]: -

Station	Heat Rate	Aux Cons	Var. Cost	Net Generation (MU)						Total Gen. Cost
	Kcal/kwh	%	Rs./kwh	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	(Rs. Cr.)
K'Kheda - I&II	2955	8.50	0.9351	469	470	486	471	439	486	264
K'Kheda - III & IV	2550	Included in Khaparkheda I & II								
Paras	3232	9.70	1.2241	26	30	30	29	26	15	19
Bhusawal	2763	10.00	0.9294	280	119	264	280	253	280	137
Nasik	2690	9.00	1.2849	327	372	376	372	294	320	265
Parli	2676	9.70	1.2241	354	391	391	375	348	285	262
Koradi	3026	9.80	1.0284	452	475	384	435	458	549	283
Chandrapur	2527	7.60	0.7361	1397	1352	1397	1397	1262	1397	604
Gas Thermal	1966	2.40	0.6553	298	289	298	298	269	298	115

(e) Power Purchase - CGS Stations [Projections for the period October 2001 - March 2002]: -

Power Station	Net Purchase (MU) (After transmission losses)						Var. Cost Rs./kwh	Total Var. Cost Rs. Cr.	Fixed Cost Rs. Cr.	Incentive (Rs. Cr/month)						Total Cost Rs. Cr.
	Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02				Oct-01	Nov-01	Dec-01	Jan-02	Feb-02	Mar-02	
Tarapur	104	101	104	104	94	104	0.84	53	Included in Variable Cost						53	
Kakrapar	157	152	157	157	142	157	2.88	265	Included in Variable Cost						265	
Korba	425	411	425	425	383	425	0.45	112	62	2.51	1.27	2.51	2.51	0.65	2.51	186
Vindhyachal	492	476	492	492	444	492	0.77	222	163	1.38	1.02	1.38	1.38	0.31	1.38	392
Kawas	33	87	80	77	79	98	2.85	129	58	0	0	0	0	0	0	187
Gandhar	76	73	76	76	68	76	1.14	51	100	0	0	0	0	0	0	151

Notes: -

- (a) All the generation and power purchase costs for the period of April - Sept - 01 have been considered at actuals as submitted by MSEB subject to Approved Heat Rate Norms and disallowance of transit loss component.
- (b) In view of the above, no FOCA on account of generation & power purchase shall be applicable for the period April to September 2001.
- (c) From Oct-01 -March - 01, the station wise quantum of energy, variable cost per unit and Fixed Cost (only for NTPC stations) has been projected separately. FOCA computations in all respects including quantum of energy generated or purchased will be with respect to Month-wise projected figures.
- (d) The Net Purchase for Central Generating Stations represents the Landed Units after deducting transmission losses from Billed Units. The summary of Net Drawn Units and Net Purchased Units (after transmission losses) is given in (c) above.
- (e) The Variable Cost (Rs/kwh) for Central Generating Units represents the per unit rate for net purchased units.

Sd/-
(Venkat Chary)
Member

Sd/-
(Jayant Deo)
Member

Sd/-
(P. Subrahmanyam)
Chairman, MERC

(Sanjay Kumar)
Secretary, MERC