

Managing Director
Tata Power Company Ltd.
Bombay House,
24 Homi Mody Street,
Mumbai-400 001

Dear Sir,

Subject : **Vetting of FAC Charges of Tata Power Company Limited (TPC) for the period April, 2004 to March, 2006 (June, 2004 already vetted by the Commission)**

Reference: **SICOM letter No. IAG/MERC/TPC/FAC/April 04-March 06 dated 9/06/06.**

As per the tariff order dated 11th June, 2004, TPC is required to obtain post- facto approval of the Commission on a quarterly basis for the FAC charged. However TPC submitted FAC computations for post facto approval for the period July, 2004 to March 2005 only on 30th June 2006. It is also observed by the Commission that TPC had not forwarded quarterly FAC submissions for the period April, 2005 onwards to the Commission till March 2006, that too after a reminder was sent to TPC. Further, these FAC submissions are not in the Standard Formats prescribed by the Commission vide its letter dated 22nd August, 2005. The Commission notes with displeasure the failure of TPC in not complying with the directives of quarterly submission for post facto approval, of the Commission.

I am directed to forward herewith the detailed vetting and approval of the Commission on FAC Charges of TPC pertaining to the months of April, 2004 to March 2006 (June, 2004 already vetted). The cumulative over recovery for the period from June 2004 to March 2005 has been worked out at Rs.55.93 crores and interest on the same at Rs. 1.41 crores (@ 6% p.a.). The cumulative under recovery for the period from April 2005 to March 2006 has been worked out at Rs.326.60 crores and interest on the same at Rs. 5.02 crores. The over recovery of the year 2004-05 and under recovery for the year 2005-06 along with the interest thereon would be considered while truing up for 2004-05 and 2005-06 respectively. The summary of the under/over recovery along with the interest @6 % p.a. on the cumulative under/over recovery is given in **Annexure A**.

The Commission has not considered the under/over recovery for the months of April, 04 & May, 2004 in overall under/over recovery and the same would be considered while Truing Up as being done for other Distribution Licensees.

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It has been observed by the Commission that TPC has allocated the entire hydro generation to the License Area and the FAC of each month towards change in variable cost of thermal generation and power purchase has been apportioned between License Area and Other than License Area (OLA) as directed by the Commission. However, TPC has not charged the respective FAC to the consumers of OLA. The Commission directs TPC to recover the said amount from the consumers of OLA in the proportion of the sales to the respective consumers during the period April, 2004 to March, 2006.

With regards,

Yours faithfully,

Sd/-
(Ms. Malini Shankar)
Secretary, MERC

- Encl:** 1) Annexure A: Summary of Under/Over recovery (Page 1)
2) Vetting report for the period April 2004 to March 2006 including Annexure - B: Summary of FAC vetting (102 pages)

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ANNEXURE – AAttachment to MERC letter No. MERC/TPC/FAC/APR04-MAR 06/1293 dated 19.06.2006**Summary of the Under recovery / over recovery for the period June, 2004 to March, 2005**

(All fig. in Rs.crores unless specified)

FAC month	FAC of the respective month (a)	Sale in License area, MUs (b)	Excess T&D loss, MU's (c)	FAC disallowed towards excess T & D loss – (d)=a*c/(b+c)	Recoverable FAC (e)=a-d	Billed Amt. (f)	Under (+)/ Over (-) Recovery-(g)=e-f	Cumulative under (+)/over (-) recovery-(h)	Interest on (h) @ 6% p.a.
June, 04	19.45	837.72	4.46	0.10	19.35	0.09	19.26	19.26	0.10
July, 04	24.83	839.36	4.04	0.12	24.71	22.18	2.53	21.79	0.11
Aug., 04	-4.65	776.71	7.48	-0.04	-4.61	23.24	-27.85	-6.06	-0.03
Sept.04	-2.24	821.37	0	0.00	-2.24	23.58	-25.82	-31.88	-0.16
Oct. 04	-10.16	860.85	4.61	-0.05	-10.11	14.56	-24.67	-56.54	-0.28
Nov. 04	8.31	853.25	0	0.00	8.31	1.97	6.34	-50.20	-0.25
Decem 04	5.26	770.97	4.19	0.03	5.23	0.00	5.23	-44.97	-0.22
Jan,05	10.58	650.66	0	0.00	10.58	-0.02	10.60	-34.37	-0.17
Feb, 05	-8.65	632.26	3.7	-0.05	-8.60	0.00	-8.60	-42.97	-0.21
March, 05	-12.96	793.3	0.37	-0.01	-12.95	0.00	-12.95	-55.93	-0.28
Sub-Total	29.77	7836.45	28.85	0.10	29.67	85.60	-55.93		-1.41
Summary of the Under recovery / over recovery for the period April, 2005 to March, 2006									
Apr, 05	8.95	912.36	0	0.00	8.95	0.02	8.93	-47.00	-0.23
May, 05	11.03	921.49	0	0.00	11.03	0.00	11.03	-35.97	-0.18
June, 05	31.86	953.67	0	0.00	31.86	0.00	31.86	-4.11	-0.02
July, 05	27.19	857.56	7.68	0.24	26.95	18.35	8.60	4.49	0.02
August, 05	12.63	858.52	19.02	0.27	12.36	12.04	0.32	4.81	0.02
Sept.05	25.93	1007.75	0	0.00	25.93	20.00	5.93	10.74	0.05
Oct. 05	81.97	957.31	0.45	0.04	81.93	16.65	65.28	76.02	0.38
Nov. 05	49.25	792.45	0	0.00	49.25	15.98	33.27	109.29	0.55
Decem 05	42.68	758.07	0.73	0.04	42.64	15.49	27.15	136.44	0.68
Jan, 06	84.41	731.52	2.69	0.31	84.10	16.37	67.73	204.17	1.02
Feb, 06*	88.79	785.08	0	0.00	88.79	18.71	70.08	274.25	1.37
March, 06**	15.18	885.5	9.11	0.15	15.03	18.60	-3.57	270.68	1.35
Sub-Total	479.87	10421.28	39.68	1.06	478.81	152.21	326.60		5.02
Total	509.64	18257.73	68.53	1.15	508.49	237.81	270.68		3.61

* Billed amount is un-audited

** As the billed amount is not available the same is worked out based on the charged rate (cap) and the no. of units sold in the license area in the month of March, 06. The under / over recovery would be adjusted after receipt of actual billed amount in May, 06

Re: Vetting of the Fuel Adjustment Cost (FAC) charges of Tata Power Company Ltd. (TPC) for the months of April, 2004 to March, 2006
Attachment to MERC letter No. MERC/TPC/FAC/APR04-MAR 06/1293 dated 19.06.2006

As per the tariff order dated 11th June, 2004, TPC is required to obtain post- facto approval of the Commission on a quarterly basis for the FAC charged. The Commission has validated the FAC for June 2004 and issued detailed vetting report dated 4th January, 2005 detailing therein the methodology adopted to compute change in variable cost of generation and power purchase. Accordingly, TPC had forwarded its application for vetting of FAC for the months up to March, 2005.

It was observed by the Commission that TPC had not forwarded quarterly FAC submissions for the period April, 2005 onwards to the Commission till February 2006 and hence TPC was reminded to submit the same. TPC submitted the FAC submissions for the period April, 2005 to February, 2006 vide its letter dated 11th April, 2006. However, these submissions are not in the Standard Formats prescribed by the Commission vide its letter dated 22nd August, 2005. Considering the urgency of vetting, the Commission has carried out vetting report based on the submissions made by TPC. The Commission directs TPC to submit the future FAC submissions in time and in the Formats prescribed by the Commission.

The methodology adopted by TPC for FAC calculations is as under: -

- i) TPC has computed the change in variable cost of generation and power purchase on a composite basis by considering the change in weighted average cost of generation and power purchase.
- ii) TPC has considered the estimated generation and power purchase in MUs and estimated weighted average cost of generation and power purchase for each Unit, as per the Commission's directions in vetting report dated 4th January, 2005 for calculating the change in the fuel cost.
- iii) TPC has apportioned the variable cost of generation from Unit 4 to the sale outside the licensed area i.e. MSEDCL and to its licensed area to the extent of the generation used to meet its peak requirement.
- iv) TPC has apportioned variable cost of own generation (other than the variable cost of generation from Unit 4) to sale within its licensed area and balance to the sale outside license area.

- v) The entire generation from the Hydel station has been apportioned to sale in License area.

The Vetting by the Commission is based on the following orders :-

- a) Tariff Order dated 11th June 2004
- b) The vetting report dated 4th January, 2005 approving FAC of TPC for the month of June 2004
- c) The Commission's Order dated 7th December, 2004 in the matter of "Drawal of power by TPC from MSEB and compliance of TPC Tariff Order".

The Commission's consultant, SICOM Ltd. had detailed discussions with officials of TPC for clarifications on FAC Charge.

A. Variable cost of generation : While assessing the actual variable cost of generation the Commission has assessed Unit wise variable cost of generation and weighted average variable cost of generation considering the following :-

- Change in generation mix
- Change in fuel price
- Fuel handling charges
- Normative operating parameters (i.e. Heat Rate and Auxiliary consumption) as set out in the Tariff Order.

a. Change in generation mix :

Commission has carried out broad assessment of adherence to the principles of merit order dispatch by comparing fuel wise, Unit wise, monthly / yearly gross generation to the levels considered in the tariff order and seeking justification for any material variation. The variable cost of each Unit and estimated generation as per Tariff Order and actual generation for the year 2004-05 and 2005-06 are detailed below :-

Station	Fuel	VC / unit as per order (Rs. / kWh)	Estimated gross generation as per order (MUs)	Actual gross generation for 2004-05 (MUs)	Actual gross generation for 2005-06 (MUs)
Hydel	-	-	1336.10	1438.54	2023.53
Unit 7	Natural Gas	0.62	1197.40	1335.02	1330.74
Unit 6	Natural Gas	0.71	102.70	153.73	147.04
Unit 5	Natural Gas	0.75	0.00	3.73	2.69
Unit 4	Natural Gas	0.79	0.00	49.29	4.06
Unit 5	Coal	1.18	3844.00	3829.28	3596.48
Unit 6	Oil	2.50	3660.20	3285.25	3307.39
Unit 5	Oil	2.62	340.20	237.04	158.35
Unit 4	Oil	2.76	111.60	617.42	638.27
Total			10592.2	10949.30	11208.55
Net Power purchase from MSEB/others		2.99	61.50	67.99	389.99
Less: Sale to MSEB from Unit 4/others				182.13	272.41

TPC has followed Merit Order Stack for the year 2004-05. The extra generation from Unit 4 is allowed as the cost of purchase of energy from MSEB was Rs.3.03 / kwh as compared to the cost of own generation of unit 4 of Rs. 2.79/ kwh.

As per the Tariff Order, TPC was to have outage of Unit 6 (Oil) and no planned outage for Unit 5 for the year 2004-05. The same Tariff Order also became applicable for the year 2005-06. However, as the Unit 5 being run on coal, it requires every alternate year planned outage. Unit 5 was out of operation in the months of January, 2005 and February, 2005. Accordingly, there is less generation from Unit 5, during these months as compared to the Tariff Order (which had no planned outage). This has also resulted into overall less generation from Unit 5 in the year 2005-06. During August, 2005, TPC has used Hydro unit as the base unit due to availability of water and this has resulted in lower generation from unit 5 (coal) which is allowed. During the months of June, 2005, Sept. 2005, October, 2005, November, 2005, December, 2005 and March, 2006, TPC has generated less energy from Unit 6(Oil) and higher energy from Unit 4 (Oil) which is comparatively costlier. Further, the cost of Unit 4 (oil) was Rs.4.27/kwh as against purchase of energy from MSEB / others @ 3.61 Rs./kwh during 2005-06. The reasons for running of Unit 4, as informed by TPC vide its letter dated 30th May, 2005 are :-

- (i) MSEDCL could not cater to the high demand of Mumbai Area in June, 2005
- (ii) The REL Unit 2 was shut down during August-September, 2005
- (iii) MSEDCL requested TPC to run the unit 4 during the period October, 2005 to December, 2005.

TPC has also informed that as the Unit 4 cannot be operated below certain level due to technical constraints it needs to be kept in operation once started. This results into backing down of more efficient Unit 6 (Oil). Thus, TPC could not comply with the Merit Order Stack stipulated by the Commission by running Unit 4 more or less as base Unit. The extra generation from unit 4 to meet peak requirement of the license area is allowed since MSEB itself was facing shortage of power and was not in a position to supply to TPC.

b. Change in fuel price :

Actual variable cost of power generation of each unit is certified by CA. The Commission had directed TPC vide its letter dated 4th January, 2005 to submit fuel analysis report of representative monthly samples of fuels certified by an Independent Certification Agency in support of actual fuel calorific value along with its quarterly FAC submissions in the future. However, the same has not been submitted by TPC. **The Commission hereby directs TPC to submit fuel analysis report of representative monthly samples of fuels certified by an Independent Certification Agency in support of actual fuel calorific value along with its FAC submissions in the future.** TPC has submitted only part of the data of the application audited and has not submitted the entire application along with the supporting details and back up calculations after cost audit. **The Commission directs TPC to submit future FAC submissions in the duly audited Format prescribed by the Commission.**

c) Fuel handling cost -

The fuel handling cost have been worked out by TPC as per the formula considered by Commission in its vetting report dated 4th January, 2005.

d) Normative Parameters:**Auxiliary consumption –**

- i) TPC has taken auxiliary consumption at each Unit at normative levels for calculation of variable cost of generation and the same is allowed.
- ii) Wherever there is extra consumption in case of Hydel Station the same has been disallowed by multiplying excess auxiliary consumption with the increase in weighted average variable cost of generation.

Heat Rate - TPC has worked out the variable cost of generation considering normative heat rates of each Unit and same is allowed.

B. Variable cost of power purchase:

In the Tariff Order, it was considered that TPC would purchase 61.50 MU's @Rs.2.99/unit with a cost of Rs.18.39 crore. TPC has purchased 67.99 MU's @ Rs.3.03/unit costing Rs.20.58 crore in the year 2004-05 and 389.99 MU's @ Rs.3.61/unit costing Rs.140.65 crore in the year 2005-06. Thus, TPC has purchased substantial energy as compared to the Tariff Order and the same has been allowed considering the shortfall in peak requirement of energy. However, in future, TPC has to justify the power purchase in excess of approved limit.

C. Change in variable cost of own generation and power purchase

Change in variable cost of own generation and power purchase has been arrived at by multiplying total of gross generation and power purchase with the change in weighted average cost of generation and power purchase.

D. Apportionment of change in variable cost of own generation and power purchase cost to License Area.

The Commission in its report dated 4th January, 2005 has specified the formula for arriving at apportionment of change in variable cost of own generation and power purchase cost to License Area so that the consumers in the License Area benefit from the low cost generation from the hydel plants.

TPC has apportioned the change in variable cost of own generation and power purchase cost to License Area as per the said formula.

E. Interest on working capital –

TPC has not considered any interest on working capital due to change in prices of fuel and accordingly, the Commission has also not considered the same.

F. Adjustment factor for over recovery / under recovery -

TPC has considered the adjustment factor towards under / over recovery in arriving at the FAC of individual month. However, it has not disallowed FAC towards excess T & D loss while taking recoverable FAC. Further, for the period April, 2005 to February 2006, it was observed that the incremental cost of the month J-4 taken in the month of J-2 was incorrect. TPC has attributed the mistake to incorrect linking of the cells and has corrected the same. It has been also observed that wherever there is positive FAC the same has been charged to the consumers. **However, the benefit of the negative FAC in the months of February, 2005 and March, 2005 was not passed on to the consumers. Thus, TPC has violated Commissions guidelines on passing the benefit of reduction in FAC to the consumers. The Commission directs TPC to pass through the reduction in fuel costs (negative FAC) to the consumers as and when the same occurs.**

G. Excess T & D loss:

TPC has not considered the disallowance of FAC on account of excess T&D loss for arriving at the recoverable FAC for each month. The Commission has disallowed the excess FAC on account of extra T&D loss for arriving at the recoverable FAC for each month and **directs TPC to arrive at the recoverable FAC for each month in future after disallowing for the excess T&D loss.** The overall T&D loss for the year 2004-05 and 2005-06 is lower than the normative T&D loss.

H. FAC charges as per Commission :

TPC has followed the Tariff Order dated 11th June 2004 and the Commission's Vetting Report dated 4th January, 2005 approving FAC of TPC for the month of June 2004, for arriving at the FAC for the individual months. The FAC calculations for individual month (six Tables for each month) are enclosed. The summary of FAC charges for each month as per TPC & Commission is given in Annexure B.

I. Over-recovery /Under-recovery for April and May 2004 –

The Commission in its detailed vetting report dated 4th January, 2005 validating FAC for June 2004 had directed TPC to determine Total Fuel Cost and Power Purchase Cost Adjustment for the month of April, 2004 to May, 2004 by applying the methodology detailed therein for June, 2004. The Commission vide its letter No.MERC/30 of 2003 /Compliance-FAC/18/3 dated 6th September, 2005 has extended the relief given by it to Reliance Energy Limited vide its Order dated 3rd August, 2005 in the matter of 'Review of directions on FAC' to TPC. As per the said Relief, the over recovery/under recovery on account of FAC for the period April, 2004 to May, 2004 may be adjusted at the time of 'truing up' for FY 2004-05 along with other expenses and revenue heads. Accordingly, the over-recovery /under recovery in respect of April, 2004 and May, 2004 have not been considered while working out cumulative under / over recovery and the same would be considered while carrying out 'Truing Up' for the year 2004-05 and 2005-06.

Annexure B

Summary of FAC as per TPC & Commission

Month	FAC of respective month	
	As per TPC	As per Commission after disallowance of excess T & D Loss
June, 04	19.45	19.35
July, 04	24.83	24.71
August, 04	-4.65	-4.61
Sept.04	-2.24	-2.24
Oct. 04	-10.16	-10.11
Nov. 04	8.31	8.31
December. 04	5.26	5.23
Jan,05	10.58	10.58
Feb, 05	-8.65	-8.60
March, 05	-12.96	-12.95
Sub- Total	29.77	29.67
April, 05	8.95	8.95
May, 05	11.03	11.03
June, 05	31.86	31.86
July, 05	27.19	26.95
August, 05	12.63	12.36
Sept.05	25.93	25.93
Oct. 05	81.97	81.93
Nov. 05	49.25	49.25
December 05	42.68	42.64
Jan,06	84.41	84.10
Feb, 06	88.79	88.79
March, 06	15.18	15.03
Sub-Total	479.87	478.81
Total of 2004-05 & 2005-06	509.64	508.49

Computation of monthly FAC Charge for the month (j-2)	Apr-04
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Fuel	Tariff Order-April -04		April -04	
	CV	Price	CV	Price
	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal
Natural Gas	13,000	305.40	12,770.98	303.43
Coal	4,750	481.00	5,083.14	461.06
Oil*	10,500	1,070.50	**	1,027.03
All Fuels		722.00		690.51

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-April -04		April-04	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.85%
Unit 4, Trombay	2,574.00	7.80%	2,536.91	6.92%
Unit 5, Trombay	2,447.00	5.30%	2,449.43	4.75%
Unit 6, Trombay	2,338.40	3.20%	2,327.06	2.97%
Unit 7, Trombay	2,019.00	2.80%	1,953.80	2.29%

Table 3(A): Variable Cost of generation and Power Purchase							April-04
Units/Station/ Source	Fuel	Tariff Order – April-04			Assessment for FAC determination for April-04		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	115.80	-	-	78.86	-
Unit - 4	NG	0.79	-	-	0.78	10.42	0.81
Unit - 4	Oil	2.76	-	-	2.64	81.36	21.51
Unit - 5	NG	0.75	-	-	0.74	-	-
Unit - 5	Coal	1.18	315.90	37.19	1.13	360.88	40.72
Unit - 5	Oil	2.62	44.10	11.55	2.51	3.70	0.93
Unit - 6	NG	0.71	-	-	0.71	25.28	1.79
Unit - 6	Oil	2.50	360.00	90.12	2.40	319.76	76.79
Unit - 7	NG	0.62	108.20	6.67	0.61	115.15	7.05
Total Thermal Gen		1.76	828.20	145.52	1.63	916.55	149.61
Total Generation		1.54	944.00	145.52	1.50	995.41	149.61
Fuel handling Charges				-			0.70
Total generation including FHC (A)		1.54	944.00	145.52	1.51	995.41	150.31
Net Power Purchase from MSEB (B)		2.99	11.50	3.44	-	-	-
Less: Sale to MSEB from Unit 4			-	-	2.64	-	-
Var cost of generation and Power purchase (A+B)		1.56	955.50	148.96	1.51	995.41	150.31

Table 4: Excess Auxiliary consumption & Disallowance of change in variable cost

Unit/ Station	Fuel	April-04		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	0.28	-	-
Unit - 4	NG	-	-	-
Unit - 4	Oil	-	-	-
Unit - 5	NG	-	-	-
Unit - 5	Coal	-	-	-
Unit - 5	Oil	-	-	-
Unit - 6	NG	-	-	-
Unit - 6	Oil	-	-	-
Unit - 7	Oil	-	-	-
Total		0.28		-

Table 5: Change in Variable Cost of Generation and Power Purchase

Parameter	Unit	April-04
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.56
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.51
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	(0.05)
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	995.41
Change in Variable cost of generation and power purchase	Rs Cr	(4.88)
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	-
Net change in variable cost of generation & power purchase	Rs Cr	(4.88)

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
April-04				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	859.81	89.06	948.87
Apportionment of Net Hydro generation (a)	MU	78.18	-	78.18
Apportionment of net thermal generation & power purchase (b)	MU	790.05	89.93	879.98
Apportionment of generation & Power purchase	MU	868.23	89.93	958.16
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	(4.38)	(0.50)	(4.88)

Computation of monthly FAC Charge for the month (j-2)				May-04
Table 1: Fuel Calorific Value and Price				
Fuel	Tariff Order-May-04		May-04	
	CV	Price	CV	Price
	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal
Natural Gas	13,000	305.40	12,694.78	306.12
Coal	4,750	481.00	4,785.54	546.34
Oil*	10,500	1,070.50	**	1,054.28
All Fuels		722.00		747.68

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Table 2: Heat Rate and Auxiliary Consumption				
Unit/Station	Tariff Order-May-04		May-04	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.85%
Unit 4, Trombay	2,574.00	7.80%	2,527.57	7.86%
Unit 5, Trombay	2,447.00	5.30%	2,467.16	4.90%
Unit 6, Trombay	2,338.40	3.20%	2,308.95	3.30%
Unit 7, Trombay	2,019.00	2.80%	1,949.42	2.36%

Units/Station/ Source	Fuel	Tariff Order – May-04			Assessment for FAC determination for May-04		
		Var Cost	Gen	VCG	Var Cost	Gen	VCG
		Rs/kWh	MUs	Rs Cr	Rs/kWh	MUs	Rs Cr
Hydel Station	None	-	108.70	-	-	80.75	-
Unit - 4	NG	0.79	-	-	0.79	2.34	0.18
Unit - 4	Oil	2.76	-	-	2.71	77.62	21.06
Unit - 5	NG	0.75	-	-	0.75	0.42	-
Unit - 5	Coal	1.18	326.50	38.43	1.34	336.24	44.95
Unit - 5	Oil	2.62	45.50	11.92	2.58	17.79	4.59
Unit - 6	NG	0.71	-	-	0.72	9.49	0.68
Unit - 6	Oil	2.50	372.00	93.12	2.47	311.76	76.86
Unit - 7	NG	0.62	111.80	6.89	0.62	133.05	8.22
Total Thermal Gen		1.76	855.80	150.36	1.76	888.71	156.55
Total Generation		1.56	964.50	150.36	1.61	969.46	156.55
Fuel handling Charges				-			0.75
Total generation including FHC (A)		1.56	964.50	150.36	1.62	969.46	157.30
Net Power Purchase from MSEB (B)		2.99	9.90	2.96	2.99	16.24	4.86
Less: Sale to MSEB from Unit 4			-	-	2.71	-	-
Var cost of generation and Power purchase (A+B)		1.57	974.40	153.32	1.65	985.70	162.15

Table 4: Excess Auxiliary consumption & Disallowance of change in variable cost

Unit/ Station	Fuel	May-04		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	0.29	0.06	0.002
Unit - 4	NG	0.00	0.00	0.000
Unit - 4	Oil	0.05	-	-
Unit - 5	NG	-	0.00	-
Unit - 5	Coal	-	0.16	-
Unit - 5	Oil	-	-	-
Unit - 6	NG	0.01	0.00	0.000
Unit - 6	Oil	0.30	-	-
Unit - 7	Oil	-	0.00	-
Total		0.65		0.002

Table 5: Change in Variable Cost of Generation and Power Purchase

Parameter	Unit	May- 04
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.57
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.65
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	0.07
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	985.70
Change in Variable cost of generation and power purchase	Rs Cr	7.05
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.00
Net change in variable cost of generation & power purchase	Rs Cr	7.05

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area

May- 04				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	887.21	37.02	924.23
Apportionment of Net Hydro generation (a)	MU	80.06	-	80.06
Apportionment of net thermal generation & power purchase (b)	MU	829.61	37.96	867.57
Apportionment of generation & Power purchase	MU	909.68	37.96	947.63
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	6.74	0.31	7.05

Computation of monthly FAC Charge for the month (j-2)	July-04
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Fuel	Tariff Order-July - 04		July- 04	
	CV	Price	CV	Price
	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal
Natural Gas	13,000	305.40	12,704.25	305.44
Coal	4,750	481.00	4,662.13	583.66
Oil*	10,500	1,070.50	**	1,112.24
All Fuels		722.00		764.43

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-July- 04		July - 04	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.70%
Unit 4, Trombay	2,574.00	7.80%	-	0.00%
Unit 5, Trombay	2,447.00	5.30%	2,463.77	4.85%
Unit 6, Trombay	2,338.40	3.20%	2,387.28	3.19%
Unit 7, Trombay	2,019.00	2.80%	1,962.88	2.14%

Units/Station/ Source		Fuel	Tariff Order – July- 04			Assessment for FAC determination for July- 04		
			Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station		None	-	160.40	-	-	97.66	-
Unit - 4		NG	0.79	-	-	0.79	-	-
Unit - 4		Oil	2.76	-	-	2.86	-	-
Unit - 5		NG	0.75	-	-	0.75	-	-
Unit - 5		Coal	1.18	326.50	38.43	1.43	306.78	43.81
Unit - 5		Oil	2.62	-	-	2.72	38.29	10.42
Unit - 6		NG	0.71	6.20	0.44	0.71	14.22	1.02
Unit - 6		Oil	2.50	285.60	71.49	2.60	286.79	74.59
Unit - 7		NG	0.62	104.60	6.45	0.62	131.79	8.13
Total Thermal Gen			1.62	722.90	116.82	1.77	777.88	137.97
Total Generation			1.32	883.30	116.82	1.58	875.54	137.97
Fuel handling Charges					0.80			0.93
Total generation including FHC (A)			1.33	883.30	117.62	1.59	875.54	138.90
Net Power Purchase from MSEB (B)			2.99	5.20	1.55	2.99	20.71	6.19
Less: Sale to MSEB from Unit 4				-	-	2.86	-	-
Var cost of generation and Power purchase (A+B)			1.34	888.50	119.17	1.62	896.25	145.09

Unit/ Station	Fuel	July - 04		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	0.19	0.25	0.005
Unit - 4	NG	-	0.00	-
Unit - 4	Oil	-	0.11	-
Unit - 5	NG	-	0.00	-
Unit - 5	Coal	-	0.25	-
Unit - 5	Oil	-	0.10	-
Unit - 6	NG	-	0.00	-
Unit - 6	Oil	-	0.10	-
Unit - 7	Oil	-	0.00	-
Total		0.19		0.005

Parameter	Unit	July - 04
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.34
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.62
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	0.28
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	896.25
Change in Variable cost of generation and power purchase	Rs Cr	24.88
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.00
Net change in variable cost of generation & power purchase	Rs Cr	24.88

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
July- 04				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	839.36	1.50	840.86
Apportionment of Net Hydro generation (a)	MU	96.97	-	96.97
Apportionment of net thermal generation & power purchase (b)	MU	767.16	1.54	768.71
Apportionment of generation & Power purchase	MU	864.14	1.54	865.68
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	24.83	0.05	24.88

Computation of monthly FAC Charge for the month (j-2)	August-04
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Fuel	Tariff Order-August-04		August-04	
	CV	Price	CV	Price
	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal
Natural Gas	13,000	305.40	12,876.01	311.57
Coal	4,750	481.00	4,640.00	642.97
Oil*	10,500	1,070.50	**	1,137.75
All Fuels		722.00		790.88

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-August 04		August 04	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.33%
Unit 4, Trombay	2,574.00	7.80%	2,723.52	8.78%
Unit 5, Trombay	2,447.00	5.30%	2,493.32	5.52%
Unit 6, Trombay	2,338.40	3.20%	2,392.32	3.60%
Unit 7, Trombay	2,019.00	2.80%	1,935.89	4.84%

Table 3(A): Variable Cost of generation and Power Purchase								August- 04
Units/Station/ Source	Fuel	Tariff Order – August- 04			Assessment for FAC determination for August-04			
		Var Cost	Gen	VCG	Var Cost	Gen	VCG	
		Rs/kWh	MUs	Rs Cr	Rs/kWh	MUs	Rs Cr	
Hydel Station	None	-	143.70	-	-	231.30	-	
Unit - 4	NG	0.79	-	-	0.80	27.12	2.17	
Unit - 4	Oil	2.76	-	-	2.93	35.52	10.40	
Unit - 5	NG	0.75	-	-	0.76	0.56	-	
Unit - 5	Coal	1.18	326.50	38.43	1.57	243.40	38.30	
Unit - 5	Oil	2.62	45.50	11.92	2.78	43.37	12.07	
Unit - 6	NG	0.71	96.50	6.89	0.73	67.55	4.92	
Unit - 6	Oil	2.50	275.50	68.96	2.66	175.10	46.58	
Unit - 7	NG	0.62	-	-	0.63	14.10	0.89	
Total Thermal Gen		1.70	744.00	126.21	1.90	606.72	115.34	
Total Generation		1.42	887.70	126.21	1.38	838.02	115.34	
Fuel handling Charges				0.90			0.61	
Total generation including FHC (A)		1.43	887.70	127.11	1.38	838.02	115.95	
Net Power Purchase from MSEB (B)		2.99	4.10	1.23	--	-	-	
Less: Sale to MSEB from Unit 4			-	-	2.93	-	-	
Var cost of generation and Power purchase (A+B)		1.44	891.80	128.33	1.38	838.02	115.95	

Unit/ Station	Fuel	August-04		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	-	-
Unit - 4	NG	0.27	0.02	0.000
Unit - 4	Oil	0.35	0.17	0.006
Unit - 5	NG	0.00	0.02	0.000
Unit - 5	Coal	0.53	0.40	0.021
Unit - 5	Oil	0.09	0.16	0.002
Unit - 6	NG	0.27	0.01	0.000
Unit - 6	Oil	0.69	0.16	0.011
Unit - 7	Oil	0.29	0.01	0.000
Total		2.48		0.040

Parameter	Unit	August-04
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.44
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.38
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	(0.06)
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	838.02
Change in Variable cost of generation and power purchase	Rs Cr	(4.64)
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.04
Net change in variable cost of generation & power purchase	Rs Cr	(4.68)

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area

August-04				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	776.71	2.94	779.65
Apportionment of Net Hydro generation (a)	MU	230.53	-	230.53
Apportionment of net thermal generation & power purchase (b)	MU	572.92	3.04	575.96
Apportionment of generation & Power purchase	MU	803.45	3.04	806.49
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	(4.65)	(0.02)	(4.68)

Computation of monthly FAC Charge for the month (j-2)	September - 04
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Fuel	Tariff Order-September-04		September-04	
	CV	Price	CV	Price
	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal
Natural Gas	13,000	305.40	13,047.52	306.34
Coal	4,750	481.00	4,730.00	579.09
Oil*	10,500	1,070.50	**	1,134.33
All Fuels		722.00		783.91

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-September-04		September-04	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.43%
Unit 4, Trombay	2,574.00	7.80%	2,572.94	9.94%
Unit 5, Trombay	2,447.00	5.30%	2,459.62	4.89%
Unit 6, Trombay	2,338.40	3.20%	2,333.94	3.36%
Unit 7, Trombay	2,019.00	2.80%	2,091.90	2.31%

Units/Station/ Source	Fuel	Tariff Order – September-04			Assessment for FAC determination for September-04		
		Var Cost	Gen	VCG	Var Cost	Gen	VCG
		Rs/kWh	MUs	Rs Cr	Rs/kWh	MUs	Rs Cr
Hydel Station	None	-	94.40	-	-	160.39	-
Unit - 4	NG	0.79	-	-	0.79	3.38	0.27
Unit - 4	Oil	2.76	-	-	2.92	21.95	6.41
Unit - 5	NG	0.75	-	-	0.75	0.57	-
Unit - 5	Coal	1.18	315.90	37.19	1.42	290.64	41.18
Unit - 5	Oil	2.62	14.40	3.77	2.78	37.77	10.48
Unit - 6	NG	0.71	-	-	0.72	14.26	1.02
Unit - 6	Oil	2.50	360.00	90.12	2.65	266.10	70.58
Unit - 7	NG	0.62	108.20	6.67	0.62	102.92	6.37
Total Thermal Gen		1.73	798.50	137.74	1.85	737.59	136.31
Total Generation		1.54	892.90	137.74	1.52	897.98	136.31
Fuel handling Charges				1.00			0.89
Total generation including FHC (A)		1.55	892.90	138.74	1.53	897.98	137.20
Net Power Purchase from MSEB (B)		2.99	-	-	-	-	-
Less: Sale to MSEB from Unit 4			-	-	2.92	-	-
Var cost of generation and Power purchase (A+B)		1.55	892.90	138.74	1.53	897.98	137.20

Table 4: Excess Auxiliary consumption & Disallowance of change in variable cost

Unit/ Station	Fuel	September-04		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	-	-
Unit - 4	NG	0.07	0.00	0.000
Unit - 4	Oil	0.47	0.16	0.008
Unit - 5	NG	-	0.00	-
Unit - 5	Coal	-	0.24	-
Unit - 5	Oil	-	0.16	-
Unit - 6	NG	0.02	0.00	0.000
Unit - 6	Oil	0.42	0.15	0.006
Unit - 7	Oil	-	0.00	-
Total		0.99		0.014

Table 5: Change in Variable Cost of Generation and Power Purchase

Parameter	Unit	September-04
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.55
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.53
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	(0.03)
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	897.98
Change in Variable cost of generation and power purchase	Rs Cr	(2.33)
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.01
Net change in variable cost of generation & power purchase	Rs Cr	(2.34)

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
				September-04
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	821.37	29.72	851.09
Apportionment of Net Hydro generation (a)	MU	159.70	-	159.70
Apportionment of net thermal generation & power purchase (b)	MU	676.90	30.27	707.17
Apportionment of generation & Power purchase	MU	836.60	30.27	866.87
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	(2.24)	(0.10)	(2.34)

Computation of monthly FAC Charge for the month (j-2)	Oct-04
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Fuel	Tariff Order-October-04		October-04	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	12,976.90	300.10
Coal	4,750	481.00	4,698.00	532.00
Oil*	10,500	1,070.50	**	1,124.30
All Fuels		722.00		739.62

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-October-04		October-04	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.49%
Unit 4, Trombay	2,574.00	7.80%	-	0.00%
Unit 5, Trombay	2,447.00	5.30%	2,453.06	4.98%
Unit 6, Trombay	2,338.40	3.20%	2,327.83	3.47%
Unit 7, Trombay	2,019.00	2.80%	2,021.34	2.58%

Table 3(A): Variable Cost of generation and Power Purchase							October-04
Units/Station/ Source	Fuel	Tariff Order – October-04			Assessment for FAC determination for October-04		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	80.90	-	-	145.69	-
Unit - 4	NG	0.79	-	-	0.77	-	-
Unit - 4	Oil	2.76	-	-	2.89	-	-
Unit - 5	NG	0.75	-	-	0.73	0.03	-
Unit - 5	Coal	1.18	326.50	38.43	1.30	341.91	44.51
Unit - 5	Oil	2.62	31.80	8.33	2.75	18.40	5.06
Unit - 6	NG	0.71	-	-	0.70	2.55	0.18
Unit - 6	Oil	2.50	372.00	93.12	2.63	292.10	76.80
Unit - 7	NG	0.62	111.80	6.89	0.61	115.00	6.97
Total Thermal Gen		1.74	842.10	146.78	1.73	769.99	133.52
Total Generation		1.59	923.00	146.78	1.46	915.67	133.52
Fuel handling Charges				1.00			0.82
Total generation including FHC (A)		1.60	923.00	147.78	1.47	915.67	134.34
Net Power Purchase from MSEB (B)		2.99	-	-	3.14	12.92	4.06
Less: Sale to MSEB from Unit 4			-	-	2.89	-	-
Var cost of generation and Power purchase (A+B)		1.60	923.00	147.78	1.49	928.60	138.40

Table 4: Excess Auxiliary consumption & Disallowance of change in variable cost

Unit/ Station	Fuel	October-04		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	-	-
Unit - 4	NG	-	-	-
Unit - 4	Oil	-	0.14	-
Unit - 5	NG	-	-	-
Unit - 5	Coal	-	0.12	-
Unit - 5	Oil	-	0.13	-
Unit - 6	NG	0.01	-	-
Unit - 6	Oil	0.79	0.13	0.010
Unit - 7	Oil	-	-	-
Total		0.79		0.010

Table 5: Change in Variable Cost of Generation and Power Purchase

Parameter	Unit	October-04
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.60
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.49
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	(0.11)
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	928.60
Change in Variable cost of generation and power purchase	Rs Cr	(10.28)
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.01
Net change in variable cost of generation & power purchase	Rs Cr	(10.29)

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
October-04				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	860.85	9.09	869.94
Apportionment of Net Hydro generation (a)	MU	144.97	-	144.97
Apportionment of net thermal generation & power purchase (b)	MU	741.72	9.37	751.09
Apportionment of generation & Power purchase	MU	886.69	9.37	896.06
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	(10.16)	(0.13)	(10.29)

Computation of monthly FAC Charge for the month (j-2)	Nov-04
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Fuel	Tariff Order-November-04		November-04	
	CV	Price	CV	Price
	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal
Natural Gas	13,000	305.40	13,096.17	313.24
Coal	4,750	481.00	4,613.00	572.16
Oil*	10,500	1,070.50	**	1,130.63
All Fuels		722.00		816.28

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-November-04		November-04	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.57%
Unit 4, Trombay	2,574.00	7.80%	2,542.83	8.05%
Unit 5, Trombay	2,447.00	5.30%	2,460.71	4.82%
Unit 6, Trombay	2,338.40	3.20%	2,309.59	3.18%
Unit 7, Trombay	2,019.00	2.80%	2,048.31	2.34%

Units/Station/ Source	Fuel	Tariff Order – November-04			Assessment for FAC determination for November-04		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	95.60	-	-	114.43	-
Unit - 4	NG	0.79	-	-	0.81	-	-
Unit - 4	Oil	2.76	-	-	2.91	51.72	15.05
Unit - 5	NG	0.75	-	-	0.77	-	-
Unit - 5	Coal	1.18	315.90	37.19	1.40	325.86	45.62
Unit - 5	Oil	2.62	44.10	11.55	2.77	31.88	8.82
Unit - 6	NG	0.71	-	-	0.73	2.96	0.22
Unit - 6	Oil	2.50	360.00	90.12	2.64	332.53	87.92
Unit - 7	NG	0.62	108.20	6.67	0.63	105.05	6.64
Total Thermal Gen		1.76	828.20	145.52	1.93	850.00	164.27
Total Generation		1.58	923.80	145.52	1.70	964.43	164.27
Fuel handling Charges				1.00			0.90
Total generation including FHC (A)		1.59	923.80	146.52	1.71	964.43	165.17
Net Power Purchase from MSEB (B)		2.99	2.80	0.84	-	-	-
Less: Sale to MSEB from Unit 4			-	-	2.91	23.32	6.79
Var cost of generation and Power purchase (A+B)		1.59	926.60	147.36	1.68	941.11	158.38

Table 4: Excess Auxiliary consumption & Disallowance of change in variable cost

Unit/ Station	Fuel	November-04		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	0.08	0.13	0.001
Unit - 4	NG	-	0.02	-
Unit - 4	Oil	0.13	0.15	0.002
Unit - 5	NG	-	0.02	-
Unit - 5	Coal	-	0.22	-
Unit - 5	Oil	-	0.15	-
Unit - 6	NG	-	0.02	-
Unit - 6	Oil	-	0.14	-
Unit - 7	Oil	-	0.02	-
Total		0.21		0.003

Table 5: Change in Variable Cost of Generation and Power Purchase

Parameter	Unit	November-04
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.59
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.68
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	0.09
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	941.11
Change in Variable cost of generation and power purchase	Rs Cr	8.72
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.00
Net change in variable cost of generation & power purchase	Rs Cr	8.71

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
November-04				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	853.25	36.10	889.35
Apportionment of Net Hydro generation (a)	MU	113.78	-	113.78
Apportionment of net thermal generation & power purchase (b)	MU	757.13	36.83	793.96
Apportionment of generation & Power purchase	MU	870.90	36.83	907.74
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	8.31	0.40	8.71

Computation of monthly FAC Charge for the month (j-2) December-04

Fuel	Tariff Order-December-04		December-04	
	CV	Price	CV	Price
	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal
Natural Gas	13,000	305.40	13,146.64	304.89
Coal	4,750	481.00	4,822.00	503.82
Oil*	10,500	1,070.50	**	1,049.05
All Fuels		722.00		749.36

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-December-04		December-04	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.62%
Unit 4, Trombay	2,574.00	7.80%	2,500.79	7.38%
Unit 5, Trombay	2,447.00	5.30%	2,452.56	5.08%
Unit 6, Trombay	2,338.40	3.20%	2,317.99	2.97%
Unit 7, Trombay	2,019.00	2.80%	2,037.50	2.29%

Units/Station/ Source	Fuel	Tariff Order – December-04			Assessment for FAC determination for December-04		
		Var Cost	Gen	VCG	Var Cost	Gen	VCG
		Rs/kWh	MUs	Rs Cr	Rs/kWh	MUs	Rs Cr
Hydel Station	None	-	96.50	-	-	105.06	-
Unit - 4	NG	0.79	-	-	0.78	-	-
Unit - 4	Oil	2.76	-	-	2.70	84.01	22.68
Unit - 5	NG	0.75	-	-	0.75	0.11	-
Unit - 5	Coal	1.18	326.50	38.43	1.23	312.61	38.54
Unit - 5	Oil	2.62	-	-	2.57	6.54	1.68
Unit - 6	NG	0.71	-	-	0.71	1.56	0.11
Unit - 6	Oil	2.50	315.10	78.88	2.45	326.46	80.08
Unit - 7	NG	0.62	111.80	6.89	0.62	115.47	7.11
Total Thermal Gen		1.65	753.40	124.20	1.77	846.75	150.21
Total Generation		1.46	849.90	124.20	1.58	951.81	150.21
Fuel handling Charges				0.90			0.64
Total generation including FHC (A)		1.47	849.90	125.10	1.58	951.81	150.84
Net Power Purchase from MSEB (B)		2.99	-	-	-	-	-
Less: Sale to MSEB from Unit 4			-	-	2.70	39.27	10.60
Var cost of generation and Power purchase (A+B)		1.47	849.90	125.10	1.54	912.54	140.24

Table 4: Excess Auxiliary consumption & Disallowance of change in variable cost

Unit/ Station	Fuel	December-04		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	0.12	0.11	0.001
Unit - 4	NG	-	-	-
Unit - 4	Oil	-	-	-
Unit - 5	NG	-	-	-
Unit - 5	Coal	-	0.06	-
Unit - 5	Oil	-	-	-
Unit - 6	NG	-	-	-
Unit - 6	Oil	-	-	-
Unit - 7	Oil	-	-	-
Total		0.12		0.001

Table 5: Change in Variable Cost of Generation and Power Purchase

Parameter	Unit	December-04
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.47
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.54
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	0.06
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	912.54
Change in Variable cost of generation and power purchase	Rs Cr	5.91
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.00
Net change in variable cost of generation & power purchase	Rs Cr	5.91

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area

December-04				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	770.97	83.01	853.99
Apportionment of Net Hydro generation (a)	MU	104.41	-	104.41
Apportionment of net thermal generation & power purchase (b)	MU	690.30	85.45	775.75
Apportionment of generation & Power purchase	MU	794.71	85.45	880.16
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	5.26	0.65	5.91

Computation of monthly FAC Charge for the month (j-2) January-05

Fuel	Tariff Order-January-05		January-05	
	CV	Price	CV	Price
	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal
Natural Gas	13,000	305.40	13,165.49	306.28
Coal	4,750	481.00	5,034.00	494.15
Oil*	10,500	1,070.50	**	1,015.43
All Fuels		722.00		708.90

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-January-05		January-05	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.59%
Unit 4, Trombay	2,574.00	7.80%	2,511.54	7.15%
Unit 5, Trombay	2,447.00	5.30%	2,438.10	5.05%
Unit 6, Trombay	2,338.40	3.20%	2,315.92	2.96%
Unit 7, Trombay	2,019.00	2.80%	1,971.73	2.16%

Units/Station/ Source	Fuel	Tariff Order – January-05			Assessment for FAC determination for January-05		
		Var Cost	Gen	VCG	Var Cost	Gen	VCG
		Rs/kWh	MUs	Rs Cr	Rs/kWh	MUs	Rs Cr
Hydel Station	None	-	108.60	-	-	82.89	-
Unit - 4	NG	0.79	-	-	0.79	-	-
Unit - 4	Oil	2.76	111.60	30.75	2.61	75.80	19.81
Unit - 5	NG	0.75	-	-	0.75	0.14	-
Unit - 5	Coal	1.18	326.50	38.43	1.21	338.66	40.95
Unit - 5	Oil	2.62	45.50	11.92	2.48	3.83	0.95
Unit - 6	NG	0.71	-	-	0.72	0.85	0.06
Unit - 6	Oil	2.50	-	-	2.37	295.33	70.13
Unit - 7	NG	0.62	111.80	6.89	0.62	116.68	7.22
Total Thermal Gen		1.48	595.40	88.00	1.67	831.29	139.12
Total Generation		1.25	704.00	88.00	1.52	914.18	139.12
Fuel handling Charges				0.60			0.58
Total generation including FHC (A)		1.26	704.00	88.60	1.53	914.18	139.69
Net Power Purchase from MSEB (B)		2.99	13.40	4.01	-	-	-
Less: Sale to MSEB from Unit 4			-	-	2.61	60.28	15.76
Var cost of generation and Power purchase (A+B)		1.29	717.40	92.60	1.45	853.89	123.94

Unit/ Station	Fuel	January-05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	0.07	0.27	0.002
Unit - 4	NG	-	0.00	-
Unit - 4	Oil	-	-	-
Unit - 5	NG	-	0.00	-
Unit - 5	Coal	-	0.03	-
Unit - 5	Oil	-	-	-
Unit - 6	NG	-	0.00	-
Unit - 6	Oil	-	-	-
Unit - 7	Oil	-	0.00	-
Total		0.07		0.002

Parameter	Unit	January-05
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.29
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.45
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	0.16
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	853.89
Change in Variable cost of generation and power purchase	Rs Cr	13.72
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.00
Net change in variable cost of generation & power purchase	Rs Cr	13.71

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
January-05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	650.66	168.32	818.99
Apportionment of Net Hydro generation (a)	MU	82.40	-	82.40
Apportionment of net thermal generation & power purchase (b)	MU	572.39	169.31	741.70
Apportionment of generation & Power purchase	MU	654.79	169.31	824.10
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	10.58	3.13	13.71

Computation of monthly FAC Charge for the month (j-2) February-05

Fuel	Tariff Order-February-05		February-05	
	CV	Price	CV	Price
	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal
Natural Gas	13,000	305.40	13,062.25	301.44
Coal	4,750	481.00	4,989.00	547.89
Oil*	10,500	1,070.50	**	1,068.67
All Fuels		722.00		650.98

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-February-05		February-05	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.35%
Unit 4, Trombay	2,574.00	7.80%	2,558.49	7.15%
Unit 5, Trombay	2,447.00	5.30%	2,445.72	5.18%
Unit 6, Trombay	2,338.40	3.20%	2,331.86	3.11%
Unit 7, Trombay	2,019.00	2.80%	1,916.22	2.48%

Table 3(A): Variable Cost of generation and Power Purchase							February-05
Units/Station/ Source	Fuel	Tariff Order – February-05			Assessment for FAC determination for February-05		
		Var Cost	Gen	VCG	Var Cost	Gen	VCG
		Rs/kWh	MUs	Rs Cr	Rs/kWh	MUs	Rs Cr
Hydel Station	None	-	118.40	-	-	145.99	-
Unit - 4	NG	0.79	-	-	0.78	3.19	0.25
Unit - 4	Oil	2.76	-	-	2.75	67.66	18.61
Unit - 5	NG	0.75	-	-	0.74	1.91	
Unit - 5	Coal	1.18	294.90	34.71	1.34	288.67	38.70
Unit - 5	Oil	2.62	15.80	4.14	2.62	3.94	1.03
Unit - 6	NG	0.71	-	-	0.70	1.81	0.13
Unit - 6	Oil	2.50	228.00	57.07	2.50	87.16	21.78
Unit - 7	NG	0.62	101.00	6.23	0.61	123.16	7.50
Total Thermal Gen		1.60	639.70	102.15	1.52	577.50	88.00
Total Generation		1.35	758.10	102.15	1.22	723.48	88.00
Fuel handling Charges				0.70			0.62
Total generation including FHC (A)		1.36	758.10	102.85	1.22	723.48	88.61
Net Power Purchase from MSEB (B)		2.99	1.60	0.48	3.31	1.72	0.57
Less: Sale to MSEB from Unit 4			-	-	2.75	-	-
Var cost of generation and Power purchase (A+B)		1.36	759.70	103.33	1.23	725.20	89.18

Table 4: Excess Auxiliary consumption & Disallowance of change in variable cost

Unit/ Station	Fuel	February-05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	-	-
Unit - 4	NG	-	-	-
Unit - 4	Oil	-	-	-
Unit - 5	NG	-	-	-
Unit - 5	Coal	-	0.16	-
Unit - 5	Oil	-	-	-
Unit - 6	NG	-	-	-
Unit - 6	Oil	-	-	-
Unit - 7	Oil	-	-	-
Total		-		-

Table 5: Change in Variable Cost of Generation and Power Purchase

Parameter	Unit	February-05
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.36
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.23
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	(0.13)
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	725.20
Change in Variable cost of generation and power purchase	Rs Cr	(9.46)
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	-
Net change in variable cost of generation & power purchase	Rs Cr	(9.46)

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
February-05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	632.26	45.83	678.09
Apportionment of Net Hydro generation (a)	MU	145.47	-	145.47
Apportionment of net thermal generation & power purchase (b)	MU	505.87	47.21	553.08
Apportionment of generation & Power purchase	MU	651.34	47.21	698.55
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	(8.65)	(0.81)	(9.46)

Computation of monthly FAC Charge for the month (j-2) March-05

Fuel	Tariff Order-March-05		March-05		YTD March-05 (Wtd Avg)	
	CV	Price	CV	Price	CV	Price
	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal	kCal/kG	Rs/MkCal
Natural Gas	13,000	305.40	13,067.69	307.39	12,943.76	305.82
Coal	4,750	481.00	5,087.00	466.68	4,805.40	544.77
Oil*	10,500	1,070.50	**	1,080.24	**	1,084.58
All Fuels		722.00		704.29		747.91

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-March-05		March-05		YTD March-05 (Wtd Avg)	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.50%	-	0.53%
Unit 4, Trombay	2,574.00	7.80%	2,551.45	7.20%	2,555.44	7.79%
Unit 5, Trombay	2,447.00	5.30%	2,440.41	4.98%	2,456.32	5.00%
Unit 6, Trombay	2,338.40	3.20%	2,252.96	3.20%	2,327.56	3.20%
Unit 7, Trombay	2,019.00	2.80%	1,900.42	1.95%	1,977.18	2.31%

Units/Station/ Source	Fuel	Tariff Order – March-05			Assessment for FAC determination for March-05		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	107.00	-	-	109.32	-
Unit - 4	NG	0.79	-	-	0.79	0.71	0.06
Unit - 4	Oil	2.76	-	-	2.78	76.06	21.15
Unit - 5	NG	0.75	-	-	0.75	-	-
Unit - 5	Coal	1.18	326.50	38.43	1.14	376.27	42.97
Unit - 5	Oil	2.62	31.50	8.25	2.64	0.45	0.12
Unit - 6	NG	0.71	-	-	0.72	6.27	0.45
Unit - 6	Oil	2.50	372.00	93.12	2.53	300.02	75.79
Unit - 7	NG	0.62	111.80	6.89	0.62	136.54	8.47
Total Thermal Gen		1.74	841.80	146.70	1.66	896.32	149.00
Total Generation		1.55	948.80	146.70	1.48	1,005.64	149.00
Fuel handling Charges				1.00			1.05
Total generation including FHC (A)		1.56	948.80	147.70	1.49	1,005.64	150.05
Net Power Purchase from MSEB (B)		2.99	7.30	2.18	-	-	-
Less: Sale to MSEB from Unit 4			-	-	2.78	59.26	16.48
Var cost of generation and Power purchase (A+B)		1.57	956.10	149.88	1.41	946.38	133.57

Table 3(B): Variable Cost of generation and Power Purchase							
YTD March -05							
Units/Station/ Source	Fuel	Tariff Order- YTD March - 05			Assessment for FAC determination for YTD March 05		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	1,336.10	-	-	1,438.54	-
Unit - 4	NG	0.79	-	-	0.79	49.29	3.88
Unit - 4	Oil	2.76	111.60	30.75	2.79	617.42	172.37
Unit - 5	NG	0.75	-	-	0.75	3.73	-
Unit - 5	Coal	1.18	3,844.00	452.49	1.33	3,829.28	510.46
Unit - 5	Oil	2.62	340.20	89.11	2.65	237.04	62.91
Unit - 6	NG	0.71	102.70	7.33	0.72	153.73	10.99
Unit - 6	Oil	2.50	3,660.20	916.22	2.54	3,285.25	833.20
Unit - 7	NG	0.62	1,197.40	73.83	0.62	1,335.02	82.43
Total Thermal Gen		1.70	9,256.10	1,569.74	1.76	9,510.77	1,676.24
Total Generation		1.48	10,592.20	1,569.74	1.53	10,949.31	1,676.24
Fuel handling Charges				10.90			9.45
Total generation including FHC (A)		1.49	10,592.20	1,580.64	1.54	10,949.31	1,685.69
Net Power Purchase from MSEB (B)	2.99	61.50	18.39	3.03	67.99	20.58
Less: Sale to MSEB from Unit 4		-	-	-	2.79	182.13	50.85
Var cost of generation and Power purchase (A+B)		1.50	10,653.70	1,599.03	1.53	10,835.17	1,655.42

Unit/ Station	Fuel	March-05			YTD March - 05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost	Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr	MU	Rs/kWh	Rs Cr
Hydel Station	None	-	-	-	0.01	0.05	0.0001
Unit - 4	NG	-	0.01	-	0.00	0.00	0.0000
Unit - 4	Oil	-	0.03	-	0.02	0.04	0.0001
Unit - 5	NG	-	0.00	-	0.00	0.00	0.0000
Unit - 5	Coal	-	-	-	0.02	0.16	0.0003
Unit - 5	Oil	-	0.02	-	0.00	0.03	0.0000
Unit - 6	NG	-	0.00	-	0.00	0.00	0.0000
Unit - 6	Oil	-	0.02	-	0.03	0.03	0.0001
Unit - 7	Oil	-	0.00	-	0.00	0.00	0.0000
Total		-		-	0.08		0.0005

Parameter	Unit	March-05	YTD March05
Variable cost of generation and power purchase considered in the Tariff Order	Rs/kWh	1.57	1.50
Variable cost of generation and power purchase as assessed for computation of FAC	Rs/kWh	1.41	1.53
Change in Variable cost of generation and power purchase (on per unit basis)	Rs/kWh	(0.16)	0.03
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	946.38	10,835.17
Change in Variable cost of generation and power purchase	Rs Cr	(14.78)	29.16
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	-	0.00
Net change in variable cost of generation & power purchase	Rs Cr	(14.78)	29.16

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area

March-05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	793.30	96.80	890.10
Apportionment of Net Hydro generation (a)	MU	108.77	-	108.77
Apportionment of net thermal generation & power purchase (b)	MU	705.72	99.22	804.94
Apportionment of generation & Power purchase	MU	814.49	99.22	913.71
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	(12.96)	(1.82)	(14.78)

Table 6(B): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area

YTD March - 05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	9,583.47	616.46	10,199.94
Apportionment of Net Hydro generation (a)	MU	1,430.85	-	1,430.85
Apportionment of net thermal generation & power purchase (b)	MU	8,383.62	631.07	9,014.69
Apportionment of generation & Power purchase	MU	9,814.47	631.07	10,445.53
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	27.12	2.04	29.16

Computation of monthly FAC Charge for the month (j-2)	April-05
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Fuel	Tariff Order-April 05		April 05	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	13,150.78	326.37
Coal	4,750	481.00	5,019.30	535.95
Oil*	10,500	1,070.50	**	1,189.50
All Fuels		722.00		820.78

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-April 05		April 05	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.44%
Unit 4, Trombay	2,574.00	7.80%	2,554.57	7.89%
Unit 5, Trombay	2,447.00	5.30%	2,448.60	4.77%
Unit 6, Trombay	2,338.40	3.20%	2,276.65	3.09%
Unit 7, Trombay	2,019.00	2.80%	1,927.05	2.03%

Table 3(A): Variable Cost of generation and Power Purchase				April 05			
Units/Station/ Source	Fuel	Tariff Order – April 05			Assessment for FAC determination for April 05		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	115.80	-	-	126.17	-
Unit - 4	NG	0.79	-	-	0.84	-	-
Unit - 4	Oil	2.76	-	-	3.06	70.91	21.71
Unit - 5	NG	0.75	-	-	0.80	-	-
Unit - 5	Coal	1.18	315.90	37.28	1.31	356.41	46.74
Unit - 5	Oil	2.62	44.10	11.55	2.91	10.36	3.01
Unit - 6	NG	0.71	-	-	0.76	7.18	0.55
Unit - 6	Oil	2.50	360.00	90.00	2.78	355.58	98.91
Unit - 7	NG	0.62	108.20	6.71	0.66	123.82	8.16
Total Thermal Gen		1.76	828.20	145.54	1.94	924.26	179.08
Total Generation		1.54	944.00	145.54	1.70	1,050.43	179.08
Fuel handling Charges				1.00			0.60
Total generation including FHC (A)		1.55	944.00	146.54	1.71	1,050.43	179.68
Net Power Purchase from MSEB/Others (B)		2.99	11.50	3.44	-	-	-
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	3.05	34.83	10.64
Any adjustment / Refund							
Var cost of generation and Power purchase (A+B-C)		1.57	955.50	149.98	1.66	1,015.59	169.04

Unit/ Station	Fuel	April 05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	0.16	-
Unit - 4	NG	-	0.05	-
Unit - 4	Oil	0.06	0.30	0.0018
Unit - 5	NG	-	0.05	-
Unit - 5	Coal	-	0.13	-
Unit - 5	Oil	-	0.29	-
Unit - 6	NG	-	0.05	-
Unit - 6	Oil	-	0.28	-
Unit - 7	Oil	-	0.04	-
Thermal Total		0.06		0.0018
Total		0.06		0.00

Parameter	Unit	April 05
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	156.96
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	166.44
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	9.48
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	1,015.59
Change in Variable cost of generation and power purchase	Rs Cr	9.63
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.00
Net change in variable cost of generation & power purchase	Rs Cr	9.63

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
April 05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	912.36	59.30	971.66
Apportionment of Net Hydro generation (a)	MU	125.62	-	125.62
Apportionment of net thermal generation & power purchase (b)	MU	794.25	59.77	854.01
Apportionment of generation & Power purchase	MU	919.86	59.77	979.63
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	8.95	0.67	9.63

Computation of monthly FAC Charge for the month (j-2)	May-05
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Fuel	Tariff Order-May 05		May 05	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	12,810.84	317.00
Coal	4,750	481.00	4,894.00	586.19
Oil*	10,500	1,070.50	**	1,306.50
All Fuels		722.00		844.02

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-May 05		May 05	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.43%
Unit 4, Trombay	2,574.00	7.80%	2,607.39	8.11%
Unit 5, Trombay	2,447.00	5.30%	2,430.34	4.81%
Unit 6, Trombay	2,338.40	3.20%	2,292.25	3.10%
Unit 7, Trombay	2,019.00	2.80%	1,927.82	2.07%

Table 3(A): Variable Cost of generation and Power Purchase					May 05		
Units/Station/ Source	Fuel	Tariff Order – May 05			Assessment for FAC determination for May 05		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	108.70	-	-	134.25	-
Unit - 4	NG	0.79	-	-	0.82	4.06	0.33
Unit - 4	Oil	2.76	-	-	3.36	65.87	22.15
Unit - 5	NG	0.75	-	-	0.78	-	-
Unit - 5	Coal	1.18	326.50	38.53	1.43	361.91	51.91
Unit - 5	Oil	2.62	45.50	11.92	3.20	8.20	2.62
Unit - 6	NG	0.71	-	-	0.74	47.36	3.51
Unit - 6	Oil	2.50	372.00	93.00	3.06	312.85	95.58
Unit - 7	NG	0.62	111.80	6.93	0.64	128.66	8.23
Total Thermal Gen		1.76	855.80	150.38	1.98	928.91	184.34
Total Generation		1.56	964.50	150.38	1.73	1,063.16	184.34
Fuel handling Charges				1.00			1.15
Total generation including FHC (A)		1.57	964.50	151.38	1.74	1,063.16	185.49
Net Power Purchase from MSEB/Others (B)		2.99	9.90	2.96	-	-	-
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	3.21	32.93	10.58
Any adjustment / Refund							0.00
Var cost of generation and Power purchase (A+B-C)		1.58	974.40	154.34	1.70	1,030.22	174.91

Unit/ Station	Fuel	May 05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	0.18	-
Unit - 4	NG	0.01	0.03	0.0000
Unit - 4	Oil	0.21	0.60	0.0124
Unit - 5	NG	-	0.03	-
Unit - 5	Coal	-	0.25	-
Unit - 5	Oil	-	0.58	-
Unit - 6	NG	-	0.03	-
Unit - 6	Oil	-	0.56	-
Unit - 7	Oil	-	0.02	-
Thermal Total		0.22		0.0124
Total		0.22		0.01

Parameter	Unit	May 05
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	158.39
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	169.78
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	11.38
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	1,030.22
Change in Variable cost of generation and power purchase	Rs Cr	11.73
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.01
Net change in variable cost of generation & power purchase	Rs Cr	11.71

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
May 05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	921.49	48.74	970.23
Apportionment of Net Hydro generation (a)	MU	133.67	-	133.67
Apportionment of net thermal generation & power purchase (b)	MU	810.10	49.88	859.99
Apportionment of generation & Power purchase	MU	943.77	49.88	993.65
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	11.03	0.68	11.71

Computation of monthly FAC Charge for the month (j-2)	June-05
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Fuel	Tariff Order-June 05		June 05	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	12,924.25	340.82
Coal	4,750	481.00	4,846.00	551.82
Oil*	10,500	1,070.50	**	1,343.93
All Fuels		722.00		877.52

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-June 05		June 05	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.49%
Unit 4, Trombay	2,574.00	7.80%	2,578.12	8.67%
Unit 5, Trombay	2,447.00	5.30%	2,443.22	4.79%
Unit 6, Trombay	2,338.40	3.20%	2,290.17	3.18%
Unit 7, Trombay	2,019.00	2.80%	1,939.10	1.94%

Units/Station/ Source	Fuel	Tariff Order – June 05			Assessment for FAC determination for June 05		
		Var Cost	Gen	VCG	Var Cost	Gen	VCG
		Rs/kWh	MUs	Rs Cr	Rs/kWh	MUs	Rs Cr
Hydel Station	None	-	106.10	-	-	114.77	-
Unit - 4	NG	0.79	-	-	0.88	-	-
Unit - 4	Oil	2.76	-	-	3.46	60.37	20.88
Unit - 5	NG	0.75	-	-	0.83	-	-
Unit - 5	Coal	1.18	315.90	37.28	1.35	342.51	46.25
Unit - 5	Oil	2.62	22.00	5.76	3.29	12.92	4.25
Unit - 6	NG	0.71	-	-	0.80	13.60	1.08
Unit - 6	Oil	2.50	360.00	90.00	3.14	317.50	99.78
Unit - 7	NG	0.62	108.20	6.71	0.69	131.84	9.07
Total Thermal Gen		1.73	806.10	139.75	2.06	878.74	181.32
Total Generation		1.53	912.20	139.75	1.83	993.51	181.32
Fuel handling Charges				1.00			0.93
Total generation including FHC (A)		1.54	912.20	140.75	1.83	993.51	182.25
Net Power Purchase from MSEB/Others (B)		2.99	5.70	1.70	3.18	42.07	13.38
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	3.47	12.08	4.19
Any adjustment / Refund							
Var cost of generation and Power purchase (A+B-C)		1.55	917.90	142.45	1.87	1,023.50	191.44

Unit/ Station	Fuel	June 05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	0.29	-
Unit - 4	NG	-	0.09	-
Unit - 4	Oil	0.53	0.70	0.0367
Unit - 5	NG	-	0.08	-
Unit - 5	Coal	-	0.17	-
Unit - 5	Oil	-	0.67	-
Unit - 6	NG	-	0.09	-
Unit - 6	Oil	-	0.64	-
Unit - 7	Oil	-	0.07	-
Thermal Total		0.53		0.0367
Total		0.53		0.04

Parameter	Unit	June 05
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	155.19
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	187.05
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	31.85
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	1,023.50
Change in Variable cost of generation and power purchase	Rs Cr	32.60
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.04
Net change in variable cost of generation & power purchase	Rs Cr	32.57

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
June 05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	953.67	18.68	972.36
Apportionment of Net Hydro generation (a)	MU	114.20	-	114.20
Apportionment of net thermal generation & power purchase (b)	MU	854.91	18.98	873.89
Apportionment of generation & Power purchase	MU	969.11	18.98	988.09
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	31.86	0.71	32.57

Computation of monthly FAC Charge for the month (j-2)	July-05
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Fuel	Tariff Order-July 05		July 05	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	12,877.02	374.91
Coal	4,750	481.00	4,868.67	553.79
Oil*	10,500	1,070.50	**	1,509.13
All Fuels		722.00		904.66

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-July 05		July 05	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.30%
Unit 4, Trombay	2,574.00	7.80%	2,595.89	11.51%
Unit 5, Trombay	2,447.00	5.30%	2,450.48	5.31%
Unit 6, Trombay	2,338.40	3.20%	2,292.51	3.20%
Unit 7, Trombay	2,019.00	2.80%	1,933.87	2.30%

Table 3(A): Variable Cost of generation and Power Purchase					July 05		
Units/Station/ Source	Fuel	Tariff Order – July 05			Assessment for FAC determination for July 05		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	160.40	-	-	222.64	-
Unit - 4	NG	0.79	-	-	0.97	-	-
Unit - 4	Oil	2.76	-	-	3.88	1.49	0.58
Unit - 5	NG	0.75	-	-	0.92	2.57	0.24
Unit - 5	Coal	1.18	326.50	38.53	1.36	328.72	44.55
Unit - 5	Oil	2.62	-	-	3.69	12.08	4.46
Unit - 6	NG	0.71	6.20	0.44	0.88	17.42	1.53
Unit - 6	Oil	2.50	285.60	71.40	3.53	287.61	101.50
Unit - 7	NG	0.62	104.60	6.49	0.76	108.99	8.25
Total Thermal Gen		1.62	722.90	116.85	2.12	758.88	161.09
Total Generation		1.32	883.30	116.85	1.64	981.52	161.09
Fuel handling Charges				0.80			0.66
Total generation including FHC (A)		1.33	883.30	117.65	1.65	981.52	161.75
Net Power Purchase from MSEB/Others (B)		2.99	5.20	1.55	-	-	-
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	3.51	-	-
Any adjustment / Refund							
Var cost of generation and Power purchase (A+B-C)		1.34	888.50	119.21	1.65	981.52	161.75

Unit/ Station	Fuel	July 05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	0.32	-
Unit - 4	NG	-	0.18	-
Unit - 4	Oil	0.06	1.12	0.0062
Unit - 5	NG	0.00	0.17	0.0000
Unit - 5	Coal	0.04	0.18	0.0006
Unit - 5	Oil	0.00	1.07	0.0001
Unit - 6	NG	0.00	0.17	0.0000
Unit - 6	Oil	0.00	1.03	0.0001
Unit - 7	Oil	-	0.14	-
Thermal Total		0.09		0.0071
Total		0.09		0.01

Parameter	Unit	July 05
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	134.17
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	164.79
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	30.63
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	981.52
Change in Variable cost of generation and power purchase	Rs Cr	30.06
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.01
Net change in variable cost of generation & power purchase	Rs Cr	30.05

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
July 05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	857.56	62.12	919.68
Apportionment of Net Hydro generation (a)	MU	221.97	-	221.97
Apportionment of net thermal generation & power purchase (b)	MU	664.01	64.18	728.20
Apportionment of generation & Power purchase	MU	885.98	64.18	950.16
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	27.41	2.65	30.05

Computation of monthly FAC Charge for the month (j-2)	August-05
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Fuel	Tariff Order-August 05		August 05	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	13,135.91	382.37
Coal	4,750	481.00	4,777.00	559.99
Oil*	10,500	1,070.50	**	1,608.05
All Fuels		722.00		1,049.02

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-August 05		August 05	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.23%
Unit 4, Trombay	2,574.00	7.80%	-	0.00%
Unit 5, Trombay	2,447.00	5.30%	2,462.14	5.85%
Unit 6, Trombay	2,338.40	3.20%	2,389.23	3.52%
Unit 7, Trombay	2,019.00	2.80%	2,400.40	4.16%

Table 3(A): Variable Cost of generation and Power Purchase				August 05			
Units/Station/ Source	Fuel	Tariff Order – August 05			Assessment for FAC determination for August 05		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	143.70	-	-	351.61	-
Unit - 4	NG	0.79	-	-	0.98	-	-
Unit - 4	Oil	2.76	-	-	4.14	-	-
Unit - 5	NG	0.75	-	-	0.94	-	-
Unit - 5	Coal	1.18	326.50	38.53	1.37	219.62	30.09
Unit - 5	Oil	2.62	45.50	11.92	3.93	55.88	21.99
Unit - 6	NG	0.71	96.50	6.85	0.89	28.98	2.59
Unit - 6	Oil	2.50	275.50	68.88	3.76	227.51	85.55
Unit - 7	NG	0.62	-	-	0.77	43.88	3.39
Total Thermal Gen		1.70	744.00	126.17	2.49	575.87	143.61
Total Generation		1.42	887.70	126.17	1.55	927.48	143.61
Fuel handling Charges				0.90			0.79
Total generation including FHC (A)		1.43	887.70	127.07	1.56	927.48	144.40
Net Power Purchase from MSEB/Others (B)		2.99	4.10	1.23	3.51	10.05	3.53
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	-	-	-
Any adjustment / Refund							
Var cost of generation and Power purchase (A+B-C)		1.44	891.80	128.30	1.58	937.53	147.93

Unit/ Station	Fuel	August 05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	0.13	-
Unit - 4	NG	-	0.19	-
Unit - 4	Oil	-	1.38	-
Unit - 5	NG	-	0.19	-
Unit - 5	Coal	1.21	0.19	0.0230
Unit - 5	Oil	0.31	1.31	0.0404
Unit - 6	NG	0.09	0.18	0.0017
Unit - 6	Oil	0.73	1.26	0.0916
Unit - 7	Oil	0.60	0.15	0.0091
Thermal Total		2.93		0.1657
Total		2.93		0.17

Parameter	Unit	August 05
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	143.87
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	157.79
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	13.92
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	937.53
Change in Variable cost of generation and power purchase	Rs Cr	13.05
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.17
Net change in variable cost of generation & power purchase	Rs Cr	12.88

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area

August 05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	858.52	11.44	869.96
Apportionment of Net Hydro generation (a)	MU	350.82	-	350.82
Apportionment of net thermal generation & power purchase (b)	MU	546.99	11.96	558.96
Apportionment of generation & Power purchase	MU	897.81	11.96	909.77
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	12.61	0.28	12.88

Computation of monthly FAC Charge for the month (j-2) September-05

Fuel	Tariff Order-September 05		September 05	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	13,161.98	374.85
Coal	4,750	481.00	4,785.19	563.41
Oil*	10,500	1,070.50	**	1,716.26
All Fuels		722.00		1,041.42

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-September 05		September 05	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.24%
Unit 4, Trombay	2,574.00	7.80%	2,933.60	13.84%
Unit 5, Trombay	2,447.00	5.30%	2,463.06	5.65%
Unit 6, Trombay	2,338.40	3.20%	2,407.99	3.65%
Unit 7, Trombay	2,019.00	2.80%	1,987.27	2.31%

Table 3(A): Variable Cost of generation and Power Purchase					September 05		
Units/Station/ Source	Fuel	Tariff Order – September 05			Assessment for FAC determination for September 05		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	94.40	-	-	315.64	-
Unit - 4	NG	0.79	-	-	0.96	-	-
Unit - 4	Oil	2.76	-	-	4.42	25.91	11.45
Unit - 5	NG	0.75	-	-	0.92	-	-
Unit - 5	Coal	1.18	315.90	37.28	1.38	260.81	35.96
Unit - 5	Oil	2.62	14.40	3.77	4.20	25.59	10.75
Unit - 6	NG	0.71	-	-	0.88	6.54	0.57
Unit - 6	Oil	2.50	360.00	90.00	4.01	225.72	90.59
Unit - 7	NG	0.62	108.20	6.71	0.76	107.99	8.17
Total Thermal Gen		1.73	798.50	137.76	2.41	652.57	157.49
Total Generation		1.54	892.90	137.76	1.63	968.21	157.49
Fuel handling Charges				1.00			0.66
Total generation including FHC (A)		1.55	892.90	138.76	1.63	968.21	158.15
Net Power Purchase from MSEB/Others (B)		2.99	-	-	3.85	82.68	31.80
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	4.44	-	-
Any adjustment / Refund							
Var cost of generation and Power purchase (A+B-C)		1.55	892.90	138.76	1.81	1,050.89	189.95

Unit/ Station	Fuel	September 05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	0.08	-
Unit - 4	NG	-	0.17	-
Unit - 4	Oil	1.56	1.66	0.2593
Unit - 5	NG	-	0.17	-
Unit - 5	Coal	0.91	0.20	0.0182
Unit - 5	Oil	0.09	1.58	0.0142
Unit - 6	NG	0.03	0.17	0.0005
Unit - 6	Oil	1.02	1.51	0.1545
Unit - 7	Oil	-	0.14	-
Thermal Total		3.62		0.4466
Total		3.62		0.45

Parameter	Unit	September 05
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	155.40
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	180.75
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	25.35
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	1,050.89
Change in Variable cost of generation and power purchase	Rs Cr	26.64
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.45
Net change in variable cost of generation & power purchase	Rs Cr	26.19

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area

September 05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	1,007.75	11.91	1,019.67
Apportionment of Net Hydro generation (a)	MU	314.88	-	314.88
Apportionment of net thermal generation & power purchase (b)	MU	692.60	11.91	704.51
Apportionment of generation & Power purchase	MU	1,007.48	11.91	1,019.39
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	25.75	0.44	26.19

Computation of monthly FAC Charge for the month (j-2) October-05

Fuel	Tariff Order-October 05		October 05	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	13,129.09	373.12
Coal	4,750	481.00	4,965.00	591.09
Oil*	10,500	1,070.50	**	1,846.97
All Fuels		722.00		1,116.10

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-October 05		October 05	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.46%
Unit 4, Trombay	2,574.00	7.80%	2,580.47	7.78%
Unit 5, Trombay	2,447.00	5.30%	2,464.46	4.80%
Unit 6, Trombay	2,338.40	3.20%	2,322.03	3.38%
Unit 7, Trombay	2,019.00	2.80%	1,920.82	2.48%

Table 3(A): Variable Cost of generation and Power Purchase				October 05			
Units/Station/ Source	Fuel	Tariff Order – October 05			Assessment for FAC determination for October 05		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	80.90	-	-	129.70	-
Unit - 4	NG	0.79	-	-	0.96	-	-
Unit - 4	Oil	2.76	-	-	4.75	78.21	37.18
Unit - 5	NG	0.75	-	-	0.91	-	-
Unit - 5	Coal	1.18	326.50	38.53	1.45	352.41	50.97
Unit - 5	Oil	2.62	31.80	8.33	4.52	6.05	2.73
Unit - 6	NG	0.71	-	-	0.87	5.70	0.50
Unit - 6	Oil	2.50	372.00	93.00	4.32	286.02	123.53
Unit - 7	NG	0.62	111.80	6.93	0.75	124.73	9.40
Total Thermal Gen		1.74	842.10	146.79	2.63	853.12	224.31
Total Generation		1.59	923.00	146.79	2.28	982.81	224.31
Fuel handling Charges				1.00			0.65
Total generation including FHC (A)		1.60	923.00	147.79	2.29	982.81	224.96
Net Power Purchase from MSEB/Others (B)		2.99	-	-	4.41	60.09	26.47
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	4.76	-	-
Any adjustment / Refund							
Var cost of generation and Power purchase (A+B-C)		1.60	923.00	147.79	2.41	1,042.90	251.43

Unit/ Station	Fuel	October 05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	0.69	-
Unit - 4	NG	-	0.17	-
Unit - 4	Oil	-	1.99	-
Unit - 5	NG	-	0.16	-
Unit - 5	Coal	-	0.27	-
Unit - 5	Oil	-	1.90	-
Unit - 6	NG	0.01	0.16	0.0002
Unit - 6	Oil	0.52	1.82	0.0949
Unit - 7	Oil	-	0.13	-
Thermal Total		0.53		0.0950
Total		0.53		0.10

Parameter	Unit	October 05
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	160.12
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	241.09
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	80.97
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	1,042.90
Change in Variable cost of generation and power purchase	Rs Cr	84.44
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.10
Net change in variable cost of generation & power purchase	Rs Cr	84.35

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
October 05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	957.31	24.15	981.46
Apportionment of Net Hydro generation (a)	MU	129.09	-	129.09
Apportionment of net thermal generation & power purchase (b)	MU	852.21	24.75	876.96
Apportionment of generation & Power purchase	MU	981.30	24.75	1,006.05
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	81.97	2.38	84.35

Computation of monthly FAC Charge for the month (j-2) November-05

Fuel	Tariff Order-November 05		November 05	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	13,069.28	370.04
Coal	4,750	481.00	4,903.00	570.24
Oil*	10,500	1,070.50	**	1,894.31
All Fuels		722.00		1,022.50

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-November 05		November 05	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.60%
Unit 4, Trombay	2,574.00	7.80%	2,643.57	8.85%
Unit 5, Trombay	2,447.00	5.30%	2,489.53	4.93%
Unit 6, Trombay	2,338.40	3.20%	2,379.02	3.68%
Unit 7, Trombay	2,019.00	2.80%	1,910.77	2.05%

Table 3(A): Variable Cost of generation and Power Purchase					November 05		
Units/Station/ Source	Fuel	Tariff Order – November 05			Assessment for FAC determination for November 05		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	95.60	-	-	86.26	-
Unit - 4	NG	0.79	-	-	0.95	-	-
Unit - 4	Oil	2.76	-	-	4.88	56.33	27.46
Unit - 5	NG	0.75	-	-	0.91	-	-
Unit - 5	Coal	1.18	315.90	37.28	1.40	342.20	47.75
Unit - 5	Oil	2.62	44.10	11.55	4.64	1.38	0.64
Unit - 6	NG	0.71	-	-	0.87	9.43	0.82
Unit - 6	Oil	2.50	360.00	90.00	4.43	205.05	90.83
Unit - 7	NG	0.62	108.20	6.71	0.75	126.85	9.48
Total Thermal Gen		1.76	828.20	145.54	2.39	741.23	176.97
Total Generation		1.58	923.80	145.54	2.14	827.48	176.97
Fuel handling Charges				1.00			0.49
Total generation including FHC (A)		1.59	923.80	146.54	2.14	827.48	177.47
Net Power Purchase from MSEB/Others (B)		2.99	2.80	0.84	2.83	58.53	16.58
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	4.87	-	-
Any adjustment / Refund							
Var cost of generation and Power purchase (A+B-C)		1.59	926.60	147.38	2.19	886.01	194.04

Unit/ Station	Fuel	November 05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	0.09	0.56	0.0049
Unit - 4	NG	-	0.16	-
Unit - 4	Oil	0.59	2.12	0.1256
Unit - 5	NG	-	0.16	-
Unit - 5	Coal	-	0.22	-
Unit - 5	Oil	-	2.02	-
Unit - 6	NG	0.05	0.16	0.0007
Unit - 6	Oil	0.99	1.93	0.1909
Unit - 7	Oil	-	0.13	-
Thermal Total		1.63		0.3172
Total		1.72		0.32

Parameter	Unit	November 05
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	159.05
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	219.01
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	59.96
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	886.01
Change in Variable cost of generation and power purchase	Rs Cr	53.12
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.32
Net change in variable cost of generation & power purchase	Rs Cr	52.81

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
November 05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	792.45	51.04	843.49
Apportionment of Net Hydro generation (a)	MU	85.74	-	85.74
Apportionment of net thermal generation & power purchase (b)	MU	715.72	51.62	767.33
Apportionment of generation & Power purchase	MU	801.45	51.62	853.07
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	49.25	3.55	52.81

Computation of monthly FAC Charge for the month (j-2) December-05

Fuel	Tariff Order-December 05		December 05	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	13,185.43	381.03
Coal	4,750	481.00	4,872.46	571.70
Oil*	10,500	1,070.50	**	1,864.35
All Fuels		722.00		1,087.64

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-December 05		December 05	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.45%
Unit 4, Trombay	2,574.00	7.80%	2,691.69	9.81%
Unit 5, Trombay	2,447.00	5.30%	2,491.75	5.22%
Unit 6, Trombay	2,338.40	3.20%	2,341.19	3.25%
Unit 7, Trombay	2,019.00	2.80%	1,982.41	2.40%

Table 3(A): Variable Cost of generation and Power Purchase				December 05			
Units/Station/ Source	Fuel	Tariff Order – December 05			Assessment for FAC determination for December 05		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	96.50	-	-	127.34	-
Unit - 4	NG	0.79	-	-	0.98	-	-
Unit - 4	Oil	2.76	-	-	4.80	38.49	18.47
Unit - 5	NG	0.75	-	-	0.93	-	-
Unit - 5	Coal	1.18	326.50	38.53	1.40	327.00	45.75
Unit - 5	Oil	2.62	-	-	4.56	7.64	3.49
Unit - 6	NG	0.71	-	-	0.89	2.91	0.26
Unit - 6	Oil	2.50	315.10	78.78	4.36	267.01	116.41
Unit - 7	NG	0.62	111.80	6.93	0.77	111.07	8.54
Total Thermal Gen		1.65	753.40	124.23	2.56	754.11	192.91
Total Generation		1.46	849.90	124.23	2.19	881.45	192.91
Fuel handling Charges				0.90			1.34
Total generation including FHC (A)		1.47	849.90	125.13	2.20	881.45	194.25
Net Power Purchase from MSEB/Others (B)		2.99	-	-	3.96	45.44	17.98
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	4.25	118.54	50.36
Any adjustment / Refund							
Var cost of generation and Power purchase (A+B-C)		1.47	849.90	125.13	2.00	808.35	161.87

Unit/ Station	Fuel	December 05		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	0.73	-
Unit - 4	NG	-	0.19	-
Unit - 4	Oil	0.77	2.04	0.1578
Unit - 5	NG	-	0.18	-
Unit - 5	Coal	-	0.22	-
Unit - 5	Oil	-	1.94	-
Unit - 6	NG	0.00	0.18	0.0000
Unit - 6	Oil	0.12	1.86	0.0229
Unit - 7	Oil	-	0.15	-
Thermal Total		0.90		0.1807
Total		0.90		0.18

Parameter	Unit	December 05
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	147.23
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	200.25
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	53.02
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	808.35
Change in Variable cost of generation and power purchase	Rs Cr	42.86
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.18
Net change in variable cost of generation & power purchase	Rs Cr	42.68

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
December 05				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	758.07	-	758.07
Apportionment of Net Hydro generation (a)	MU	126.77	-	126.77
Apportionment of net thermal generation & power purchase (b)	MU	653.49	-	653.49
Apportionment of generation & Power purchase	MU	780.25	-	780.25
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	42.68	-	42.68

Computation of monthly FAC Charge for the month (j-2) January-06

Fuel	Tariff Order-January 06		January 06	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	13,188.43	374.90
Coal	4,750	481.00	5,069.64	519.12
Oil*	10,500	1,070.50	**	1,797.24
All Fuels		722.00		1,217.20

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-January 06		January 06	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.45%
Unit 4, Trombay	2,574.00	7.80%	2,497.96	7.66%
Unit 5, Trombay	2,447.00	5.30%	2,525.88	5.64%
Unit 6, Trombay	2,338.40	3.20%	2,317.29	3.28%
Unit 7, Trombay	2,019.00	2.80%	2,060.60	2.47%

Units/Station/ Source	Fuel	Tariff Order – January 06			Assessment for FAC determination for January 06		
		Var Cost	Gen	VCG	Var Cost	Gen	VCG
		Rs/kWh	MUs	Rs Cr	Rs/kWh	MUs	Rs Cr
Hydel Station	None	-	108.60	-	-	120.21	-
Unit - 4	NG	0.79	-	-	0.96	-	-
Unit - 4	Oil	2.76	111.60	30.80	4.63	87.90	40.66
Unit - 5	NG	0.75	-	-	0.92	-	-
Unit - 5	Coal	1.18	326.50	38.53	1.27	198.28	25.19
Unit - 5	Oil	2.62	45.50	11.92	4.40	4.14	1.82
Unit - 6	NG	0.71	-	-	0.88	0.11	0.01
Unit - 6	Oil	2.50	-	-	4.20	291.84	122.65
Unit - 7	NG	0.62	111.80	6.93	0.76	101.31	7.67
Total Thermal Gen		1.48	595.40	88.18	2.90	683.59	198.00
Total Generation		1.25	704.00	88.18	2.46	803.80	198.00
Fuel handling Charges				0.60			0.76
Total generation including FHC (A)		1.26	704.00	88.78	2.47	803.80	198.76
Net Power Purchase from MSEB/Others (B)		2.99	13.40	4.01	2.99	22.80	6.82
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	4.49	44.49	19.96
Any adjustment / Refund							
Var cost of generation and Power purchase (A+B-C)		1.29	717.40	92.79	2.37	782.11	185.62

Unit/ Station	Fuel	January 06		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	1.21	-
Unit - 4	NG	-	0.17	-
Unit - 4	Oil	-	1.87	-
Unit - 5	NG	-	0.17	-
Unit - 5	Coal	0.67	0.09	0.0061
Unit - 5	Oil	0.01	1.78	0.0025
Unit - 6	NG	0.00	0.17	0.0000
Unit - 6	Oil	0.23	1.70	0.0399
Unit - 7	Oil	-	0.14	-
Thermal Total		0.92		0.0485
Total		0.92		0.05

Parameter	Unit	January 06
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	129.34
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	237.33
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	107.99
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	782.11
Change in Variable cost of generation and power purchase	Rs Cr	84.46
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.05
Net change in variable cost of generation & power purchase	Rs Cr	84.41

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
January 06				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	731.52	-	731.52
Apportionment of Net Hydro generation (a)	MU	119.67	-	119.67
Apportionment of net thermal generation & power purchase (b)	MU	633.63	-	633.63
Apportionment of generation & Power purchase	MU	753.31	-	753.31
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	84.41	-	84.41

Computation of monthly FAC Charge for the month (j-2) February-06

Fuel	Tariff Order-February 06		February 06	
	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	13,193.62	373.70
Coal	4,750	481.00	4,932.49	537.15
Oil*	10,500	1,070.50	**	1,871.22
All Fuels		722.00		1,302.59

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-February 06		February 06	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.36%
Unit 4, Trombay	2,574.00	7.80%	2,430.58	6.75%
Unit 5, Trombay	2,447.00	5.30%	2,465.21	6.01%
Unit 6, Trombay	2,338.40	3.20%	2,283.63	3.24%
Unit 7, Trombay	2,019.00	2.80%	1,988.65	2.35%

Table 3(A): Variable Cost of generation and Power Purchase					February 06		
Units/Station/ Source	Fuel	Tariff Order – February 06			Assessment for FAC determination for February 06		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	118.40	-	-	156.79	-
Unit - 4	NG	0.79	-	-	0.96	-	-
Unit - 4	Oil	2.76	-	-	4.82	76.42	36.81
Unit - 5	NG	0.75	-	-	0.91	0.12	0.01
Unit - 5	Coal	1.18	294.90	34.80	1.31	160.62	21.11
Unit - 5	Oil	2.62	15.80	4.14	4.58	11.28	5.16
Unit - 6	NG	0.71	-	-	0.87	0.65	0.06
Unit - 6	Oil	2.50	228.00	57.00	4.38	288.84	126.39
Unit - 7	NG	0.62	101.00	6.26	0.75	103.82	7.83
Total Thermal Gen		1.60	639.70	102.20	3.08	641.75	197.37
Total Generation		1.35	758.10	102.20	2.47	798.53	197.37
Fuel handling Charges				0.70			1.37
Total generation including FHC (A)		1.36	758.10	102.90	2.49	798.53	198.75
Net Power Purchase from MSEB/Others (B)		2.99	1.60	0.48	3.39	42.44	14.39
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	5.11	26.24	13.42
Any adjustment / Refund							
Var cost of generation and Power purchase (A+B-C)		1.36	759.70	103.38	2.45	814.73	199.72

Unit/ Station	Fuel	February 06		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr
Hydel Station	None	-	1.13	-
Unit - 4	NG	-	0.17	-
Unit - 4	Oil	-	2.06	-
Unit - 5	NG	0.00	0.16	0.0000
Unit - 5	Coal	1.14	0.13	0.0154
Unit - 5	Oil	0.08	1.96	0.0157
Unit - 6	NG	0.00	0.16	0.0000
Unit - 6	Oil	0.12	1.88	0.0229
Unit - 7	Oil	-	0.13	-
Thermal Total		1.35		0.0540
Total		1.35		0.05

Parameter	Unit	February 06
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	136.08
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	245.13
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	109.06
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	814.73
Change in Variable cost of generation and power purchase	Rs Cr	88.85
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.05
Net change in variable cost of generation & power purchase	Rs Cr	88.80

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
February 06				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	785.08	-	785.08
Apportionment of Net Hydro generation (a)	MU	156.22	-	156.22
Apportionment of net thermal generation & power purchase (b)	MU	631.74	-	631.74
Apportionment of generation & Power purchase	MU	787.96	-	787.96
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	88.80	-	88.80

Computation of monthly FAC for the month of March-06
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Fuel	Tariff Order-March 06		March 06		YTD March 06 (Wtd Avg)	
	CV	Price	CV	Price	CV	Price
	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal	kCal/kg	Rs/MkCal
Natural Gas	13,000	305.40	13,130.31	374.30	13,059.59	360.53
Coal	4,750	481.00	4,943.81	527.41	4,905.45	557.86
Oil*	10,500	1,070.50	**	2,169.41	**	1,657.30
All Fuels		722.00		1,185.08		1,026.15

* Oil includes LSHS, LSWR, HSD, LDO & SKO

** Main fuel quantities are recorded in MT whereas minor fuel quantities are recorded in KL

Unit/Station	Tariff Order-March 06		March 06		YTD March 06 (Wtd Avg)	
	Heat Rate	Aux Cons	Heat Rate	Aux Cons	Heat Rate	Aux Cons
	kCal/kWh	%	kCal/kWh	%	kCal/kWh	%
Hydro Station	-	0.50%	-	0.43%	-	0.36%
Unit 4, Trombay	2,574.00	7.80%	2,468.78	7.41%	2,564.39	8.20%
Unit 5, Trombay	2,447.00	5.30%	2,398.92	4.83%	2,457.97	5.14%
Unit 6, Trombay	2,338.40	3.20%	2,335.66	3.48%	2,321.67	3.31%
Unit 7, Trombay	2,019.00	2.80%	1,978.73	2.29%	1,971.40	2.30%

Table 3(A): Variable Cost of generation and Power Purchase					March 06		
Units/Station/ Source	Fuel	Tariff Order – March 06			Assessment for FAC determination for March 06		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	107.00	-	-	138.16	-
Unit - 4	NG	0.79	-	-	0.96	-	-
Unit - 4	Oil	2.76	-	-	5.58	76.39	42.65
Unit - 5	NG	0.75	-	-	0.92	-	-
Unit - 5	Coal	1.18	326.50	38.53	1.29	345.99	44.65
Unit - 5	Oil	2.62	31.50	8.25	5.31	2.83	1.50
Unit - 6	NG	0.71	-	-	0.88	7.16	0.63
Unit - 6	Oil	2.50	372.00	93.00	5.07	241.86	122.70
Unit - 7	NG	0.62	111.80	6.93	0.76	117.79	8.90
Total Thermal Gen		1.74	841.80	146.71	2.79	792.01	221.03
Total Generation		1.55	948.80	146.71	2.38	930.17	221.03
Fuel handling Charges				1.00			1.11
Total generation including FHC (A)		1.56	948.80	147.71	2.39	930.17	222.14
Net Power Purchase from MSEB/Others (B)		2.99	7.30	2.18	3.75	25.88	9.72
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)			-	-	5.55	-	-
Any adjustment / Refund							(66.51)
Var cost of generation and Power purchase (A+B- C)		1.57	956.10	149.89	1.73	956.05	165.35

Table 3(B): Variable Cost of generation and Power Purchase				YTD March 06			
Units/Station/ Source	Fuel	Tariff Order- YTD March 06			Assessment for FAC determination for YTD March 06		
		Var Cost Rs/kWh	Gen MUs	VCG Rs Cr	Var Cost Rs/kWh	Gen MUs	VCG Rs Cr
Hydel Station	None	-	1,336.10	-	-	2,023.53	-
Unit - 4	NG	0.79	-	-	0.93	4.06	0.38
Unit - 4	Oil	2.76	111.60	30.80	4.27	638.27	272.28
Unit - 5	NG	0.75	-	-	0.88	2.69	-
Unit - 5	Coal	1.18	3,844.00	453.59	1.37	3,596.48	490.95
Unit - 5	Oil	2.62	340.20	89.13	4.06	158.35	64.22
Unit - 6	NG	0.71	102.70	7.29	0.84	147.04	12.40
Unit - 6	Oil	2.50	3,660.20	915.05	3.88	3,307.39	1,281.76
Unit - 7	NG	0.62	1,197.40	74.24	0.73	1,330.74	96.87
Total Thermal Gen		1.70	9,256.10	1,570.11	2.42	9,185.03	2,218.84
Total Generation		1.48	10,592.20	1,570.11	1.98	11,208.56	2,218.84
Fuel handling Charges				10.90			10.52
Total generation including FHC (A)		1.49	10,592.20	1,581.01	1.99	11,208.56	2,229.36
Net Power Purchase from MSEB/Others (B)		2.99	61.50	18.39	3.61	389.99	140.65
Less: Sale to MSEB from Unit 4/ Incremental Cost (C)		-	-	-	4.35	272.41	118.51
Any adjustment / Refund							(66.51)
Var cost of generation and Power purchase (A+B-C)		1.50	10,653.70	1,599.40	1.93	11,326.14	2,184.98

Unit/ Station	Fuel	March 06			YTD March 06		
		Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost	Excess Auxiliary Consumption	Rate of change in variable cost for disallowance	Disallowance of change in variable cost
		MU	Rs/kWh	Rs Cr	MU	Rs/kWh	Rs Cr
Hydel Station	None	-	0.83	-	-	0.50	-
Unit - 4	NG	-	0.17	-	0.02	0.14	0.0002
Unit - 4	Oil	-	2.82	-	2.54	1.51	0.3832
Unit - 5	NG	-	0.17	-	-	0.13	-
Unit - 5	Coal	-	0.11	-	-	0.19	-
Unit - 5	Oil	-	2.69	-	-	1.44	-
Unit - 6	NG	0.02	0.17	0.0003	0.16	0.13	0.0021
Unit - 6	Oil	0.68	2.57	0.1760	3.62	1.38	0.4982
Unit - 7	Oil	-	0.14	-	-	0.11	-
Thermal Total		0.70		0.1764	6.34		0.8838
Total		0.70		0.18	6.34		0.8838

Parameter	Unit	March 06	YTD March 06
Variable cost of generation and power purchase considered in the Tariff Order	Paise/kWh	156.78	150.13
Variable cost of generation and power purchase as assessed for computation of FAC	Paise/kWh	172.95	192.92
Change in Variable cost of generation and power purchase (on per unit basis)	Paise/kWh	16.17	42.79
Gross generation & power purchase (Excluding Unit 4 generation for MSEB/Outside Licensed Area)	MU	956.05	11,326.14
Change in Variable cost of generation and power purchase	Rs Cr	15.46	484.64
Disallowance of FAC corresponding to excess auxiliary consumption	Rs Cr	0.18	0.88
Net change in variable cost of generation & power purchase	Rs Cr	15.28	483.76

Table 6(A): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
March 06				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	885.50	4.86	890.35
Apportionment of Net Hydro generation (a)	MU	137.57	-	137.57
Apportionment of net thermal generation & power purchase (b)	MU	778.99	5.03	784.02
Apportionment of generation & Power purchase	MU	916.56	5.03	921.58
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	15.18	0.10	15.28

Table 6(B): Apportionment of Change in Variable Cost of Generation and Power Purchase to Sale in License Area				
YTD March 06				
Parameter	Unit	Sale within Licensed Area	Sale outside License Area (Excl sale from Unit 4)	Total
Sale	MU	10,421.29	292.24	10,713.53
Apportionment of Net Hydro generation (a)	MU	2,016.21	-	2,016.21
Apportionment of net thermal generation & power purchase (b)	MU	8,628.36	298.36	8,926.71
Apportionment of generation & Power purchase	MU	10,644.57	298.36	10,942.92
Apportionment of change in variable cost of generation & power purchase in proportion of (b) above	Rs Cr	467.59	16.17	483.76