
ANNEXURES

Annexure - I
(Refer to Para 3.2.1)

Project-wise coal requirement and linkage thereof					
Unit (Capacity)	Coal Requirement as per DPR (MMtPA)	Source as envisaged in DPR	Allotted Coal Block	Linkage with CIL	FSA Quantity (MMtPA)
RTPS U # 1 & 2 (2 x 600)	Although the coal quantity as per DPR was 7.23, the same was reduced to 3.89 considering the grade of coal as per FSA.	Barjora (North), Khagra-Joydev, Pandaveshwar, Samla mines & Mugma blocks of ECL.	SaharpurJamarpani (Not developed so far)	RTPS-I – BCCL (August 2013)	U# 1 =1.76
				RTPS-II – CCL (September 2013)	U# 2 = 2.133
KTPS U # 1 & 2 (2 x 500)	4.69	Sheregara/ Ganeshpur blocks in North Karanpura in Central Coalfields limited (CCL).	-	MCL (December 2012)	U# 1 & 2 =4.62
DSTPS U # 1 & 2 (2 x 500)	3.9	Not stated in DPR.	-	DSTPS I - CCL (September 2013)	U# 1=1.975
				DSTPS II - BCCL (July 2013)	U# 2=1.756
CTPS U # 7 & 8 (2 x 250)	2.19	Existing sources of BCCL & CCL coal fields and middlings from nearby washeries at Dugdha.	Gondulpara (not developed so far)	CCL (December 2012)	U# 7=1.03
					U# 8 = FSA not done
BTPS 'A' (1 x 500)	2.03	CCL	-	CCL (September 2013)	1.97
MTPS U # 7 & 8 (2 x 500)	3.85	Barjora (North), Khagra-Joydev & Kasta (East).	Barjora (North) [Production started since March 2011- Average receipt of coal- 1.7 MMTPA], Khagra-Joydev [not developed so far], [Kasta (East) surrendered]	Short term MoU (October 2011) with ECL for 0.97 MMTPA	FSA not done.
MTPS U # 5 & 6 (2 x 250)	2.08	Mines of ECL and BCCL	-	Combined linkage for MTPS Units # 1 to 6 with ECL, BCCL and MCL for a quantity of 5.6 MMt. Considering capacity of the units FSA quantity arised at 2.09 MMt (5.6/1340MW X 500 MW)	2.09
Total (MMtPA)	22.63				17.334

Annexure-II
(Refer Para No.- 3.2.2)

Statement showing delay in tendering and execution of the contracts as on March 2014

Plant/Station	Name of the package	Name of the contractor	Mode of Tendering	Date of Award	From NIT to Tender opening (Days)	From Tender opening to Techno-commercial approval & price bid opening (Days)	Total time taken from NIT to approval of techno-commercial evaluation	Delay in techno-commercial evaluation (Days)	From Techno-commercial approval & price bid opening to approval of CA for placement of order (Days)	Total time taken from NIT to approval for placement of order (Days)	Delay in tendering from NIT (Days)	Awarded price (Rs in Crore)	Contractual Time for completion (in Months)			Scheduled date of completion		Actual date of completion		Delay in completion from scheduled to actual (in months)	
													N	O	P	Q	R	S	T	U	
A	B	C	D	E	F	G	H=F+G	I=H-133	J	K=F+G+J	L=K-161	M	N	O	P	Q	R	S	T	U	
Norms as per Works & Procurement Manual of DVC -					49 days	84 days	133 days		28 days		161 days		Unit # 1	Unit # 2	Unit # 1	Unit # 2	Unit # 1	Unit # 2	Unit # 1	Unit # 2	
MTPS PHII (2x500)	MPP	BHEL	Nomination	January 2007	<i>Negotiation</i>						3538	39	42	March 2010	June 2010	August 2011	August 2012	17	26		
	CHP	Elecon Engineering Company Ltd.	ICB	July 2007	66	22	88	-45	34	122	-39	378.51	26	September 2009		Pending		54			
	PWS	Larsen & Toubro Ltd.	ICB	January 2008	49	30	79	-54	65	144	-17	93.23	20	September 2009		May 2012		32.5			
	Railways	RITES	Nomination	December 2012	<i>Nomination/Single Tender</i>						158.55	30	June 2015		Pending		NA				
KTPS (2X500)	MPP	BHEL	ICB	June 2007	64	<i>Single bid and finalised in consultation with CEA</i>					3280.52	35	38	June 2010	September 2010	July 2013	Pending	37	42		
	CHP	Larsen & Toubro Ltd.	ICB	March 2008	77	53	130	-3	32	162	1	329.88	27	30	June 2010	September 2010	April 2013	June 2013	34	33	
	PWS	Kirloskar Brothers Ltd.	ICB	April 2008	85	43	128	-5	55	183	22	166.77	22	February 2010		Pending		49			
	Railways	RITES	Nomination	October 2008	<i>Nomination/Single Tender</i>						188.05	30	April 2011		Pending		35				

DSTPS (2X500)	MPP	BHEL	ICB	July 2007	74	<i>Single bid and finalised in consultation with CEA</i>						3228.8	36#	39#	August 2010	November 2010	May 2012	March 2013	21	28
	CHP	Thyssenkrupp Industries India Pvt. Ltd.	ICB	March 2008	73	23	96	-37	77	173	12	430	27	30	June 2010	September 2010	January 2012	December 2012	19	27
	PWS	VA Tech Wabag	ICB	April 2008	79	34	113	-20	49	162	1	134.49	20		December 2009	November 2011			23	
	Railways	RITES	Nomination	June 2009		<i>Nomination/Single Tender</i>						142.79	30*		January 2011	June 2012			17	
RTPS (2X600)	MPP	Reliance Energy Ltd.	ICB	December 2007	74	30	104	-29	101	205	44	3725	35	38	November 2010	February 2011	Pending	Pending	40	37
	CHP	TRF Ltd.	ICB	July 2008	78	34	112	-21	22	134	-27	413.85	27	30	October 2010	January 2011	Pending		41	38
	PWS	Mackintosh Burn Ltd.	ICB	July 2008	92	26	118	-15	23	141	-20	196	22		May 2010	Pending			46	
	Railways	RITES	Nomination	June 2010		<i>Nomination/Single Tender</i>						496.69	30		December 2012	Pending			15	
BTSPS 'A' (1X500)	MPP	BHEL	Nomination	June 2008		<i>Negotiation</i>						1840	39**	NA	December 2011	NA	Pending	NA	27	NA
	CHP	Techpro Systems Ltd.	ICB	December 2012	80	92	172	39	106	278	117	146.56	25	NA	January 2015	NA	Pending	NA	NA	NA
	SR	TRF Ltd.	ICB	December 2012	101	78	179	46	99	278	117	31.65	25	NA	January 2015	NA	Pending	NA	NA	NA
	DM	VA Tech Wabag	ICB	December 2012	110	88	198	65	80	278	117	21.36	18	NA	June 2014	NA	Pending	NA	NA	NA
	PT	McNally Bharat Engineering Ltd.	ICB	December 2012	99	97	196	63	73	269	108	48.78	20	NA	August 2014	NA	Pending	NA	NA	NA
*Note	1. The dates are calculated on the basis of days mentioned in the DVC Works and Procurement Manual 2006 & 2009 (Revised) 2. NA - Not applicable 3. CA - Competent Authority * Zero date - 30.07.2008, ** Zero date - 16.09.2008 & # Zero date - 03.08.2007																			

Annexure III
(Refer to Para 3.2.3)

Delay in commissioning of projects in comparison to CERC norms as well as Corporation's own target as on March 2014

Name of project	Capacity (MW)	Greenfield/ Extension/ Replacement Projects	Investment Approval	Time frame COD as per CERC Regulations (in months)	Scheduled COD as per CERC Regulations	Scheduled COD Fixed by the Corporation	Delay from CERC COD to Scheduled COD	Actual COD	Anticipated COD	Delays from scheduled COD (in months)	Delays from scheduled COD as per CERC Regulation (in months)	
A	B	C	D	E	F = (C + D)	G	H = (G - F)	I		J = (I - G)	K = (I - F)	
10th plan spill over	MTPS U#5	250	Extension	August 2005	31	March 2008	January 2007	0	February 2008		13	-1
	MTPS U#6	250	Extension	August 2005	35	July 2008	March 2007	0	September 2008		18	2
	CTPS U#7	250	Extension	August 2005	31	March 2008	January 2007	0	November 2011		58	44
	CTPS U#8	250	Extension	August 2005	35	July 2008	March 2007	0	July 2011		52	36
11th plan projects	MTPS U#7	500	Extension	August 2006	42	February 2010	March 2010	0	August 2011		17	18
	MTPS U#8	500	Extension	August 2006	48	August 2010	June 2010	0	August 2012		26	24
	DSTPS U#1	500	Greenfield	April 2007	44	December 2010	August 2010	0	May 2012		21	17
	DSTPS U#2	500	Greenfield	April 2007	50	June 2011	November 2010	0	March 2013		28	21
	KTPS U#1	500	Greenfield	August 2006	44	April 2010	June 2010	2 Months	July 2013		37	41
KTPS U#2	500	Greenfield	August 2006	50	October 2010	September 2010	0		June 2014		45	44
RTPS PH-I U#1	600	Greenfield	April 2007	44	December 2010	November 2010	0		July 2014		44	43
RTPS PH-I U#2	600	Greenfield	April 2007	50	June 2011	February 2011	0		March 2015		49	45
BTPS 'A'	500	Replacement	August 2006	42	February 2010	December 2011	22 Months		October 2014		34	56

Annexure-IV
(Refer Para No.-3.2.2)

Statement of cost estimation and awarded value of the contracts

Plant/ Station	Name of the package	Name of the contractor	Departmental Estimate (₹ in Crore)	Awarded price (₹ in Crore)	Deviation from Departmental estimate (₹ in Crore)	Deviation from Departmental estimate (%)	Reasons for delay in tendering	Reasons for variation in Departmental estimate and awarded price
A	B	C	D	E	F	G	H	I
MTPS PH-II (2x500)	MPP	BHEL		3538.00				
	CHP	Elecon Engineering Company Ltd.	320.00	378.51	58.51	18.28	No Delay	Reduced completion period, and evaluated price is not as per fair price and evaluated price was not considered properly.
	PWS	Larsen & Toubro Ltd.	90.00	93.23	3.23	3.59	No Delay	No reason for variation
KTPS (2X500)	Railways MPP	RITES BHEL	3464.00	3280.52	-183.48	-5.30	No Delay	Single bid in consultancy with CEA
	CHP	Larsen & Toubro Ltd.	266.31	329.88	63.57	23.87		Linked with commonwealth games and re-tendering takes 2-3 months extra.
	PWS	Kirloskar Brothers Ltd.	125.70	166.77	41.07	32.67		The quote price is higher than estimated cost of the qualified bidders hence, snap bid was called for and delayed the process.
DSTPS (2X500)	Railways MPP	RITES BHEL	3440.00	3228.80	-211.20	-6.14	In consultancy with CEA Extension of bid submission date	Single bid in consultancy with CEA
	CHP	Thyssenkrupp Industries India Pvt. Ltd.	295.53	430.00	134.47	45.50		Offer price of L1 was 66% higher than the estimated cost, then snap bid was asked from the bidders during snap bid the L1 price was 46.17%. Finally the work was awarded to L1 with negotiated price of 45.50 % higher than estimated cost. Reasons for higher quoted price accepted were re-tendering will hamper the time schedule of the COD, the cost of borrowed earth of Rs 7.5 crore was not included in the estimate, steel price was hiked around 25-30 % during last 3 months.
	PWS	VA Tech Wabag	145.22	134.49	-10.73	-7.39	No Delay	Quoted price was compared with MTPS PH-II. No reasons mentioned
	Railways	RITES		142.79				

RTPS (2X600)	MPP	Reliance Energy Ltd.	3892.00	3725.00	-167.00	-4.29	Single bid, delay was due to snap bid, extension of bid submission time and seeking clarification and negotiation with REL.	
	CHP	TRF Ltd.	402.00	413.85	11.85	2.95	No Delay	The estimate was prepared on the basis of L1 offered price of KTPS CHP which was latest order at that time.
	PWS	Mackintosh Burn Ltd.	209.00	196.00	-13.00	-6.22	No Delay	Quoted price was compared with MTPS PH-II and KTPS. No reasons mentioned
	Railways	RITES		496.69				
BTPS 'A' (1X500)	MPP	BHEL		1840.00				
	CHP	Techpro Systems Ltd.	191.66	146.56	-45.10	-23.53	Extension of bid submission date by 25 days, clarification regarding scope of work which includes SR part	Due to present market driven forces in the perfect competitive scenario and the price discovery through open tendering is the appropriate indicator of present trend of the price.
	SR	TRF Ltd.	58.90	31.65	-27.25	-46.26	Extension of bid submission date by 15 days.	The L1 bidder quoted a low rate and ultimately agreed to execute the work at that price.
	DM	VA Tech Wabag	27.66	21.36	-6.30	-22.78	Extension of bid submission date by 23 days, clarification regarding scope of work which includes SR part	L1 bidder commissioned DM Plant in MTPS Ph II, DSTPS and KTPS in the recent past, are already mobilised in the valley area and might have quoted at a very competitive price.
	PT	McNally Bharat Engineering limited	67.01	48.78	-18.23	-27.20	Extension of bid submission date by 23 days.	L1 bidder is a running contractor at BTPS, DVC and already has an establishment at BTPS, Therefore, the bidder might have acquainted with the local site conditions, Labour problems etc. and quoted a competitive price.

Note: NA - Not applicable

Annexure- V
(Refer para no-3.2.2)

Statement showing the Delay analysis by the management

Plant/station	Name of the package	Name of the Contractor	Whether committee formed for Delay analysis	Whether the committee submitted Delay analysis report	Action taken on the Delay analysis report	Contractual Time for completion (in Months)		Scheduled date of completion		Actual date of completion		Delay in completion from scheduled to actual/as on March 2014 (in months)	
						G	H	I	J	K	L	M	N
						Unit # 1	Unit # 2	Unit # 1	Unit # 2	Unit # 1	Unit # 2	Unit # 1	Unit # 2
MTPS PHII (2x500)	MPP	BHEL	YES	Submitted	NA	39	42	March 2010	June 2010	August 2011	August 2012	17	26
	CHP	Elecon Engineering Company Ltd.	YES	Report is under process	NA	26		September 2009		Pending		54	
	PWS	Larsen & Toubro Ltd.	YES	Approved	LD not imposed	20		September 2009		May 2012		32.5	
KTPS (2X500)	MPP	BHEL	YES	Submitted	NA	35	38	June 2010	September 2010	July 2013	Pending	37	42
	CHP	Larsen & Toubro Ltd.	YES	Final Report is under process	NA	27	30	June 2010	September 2010	April 2013	June 2013	34	33
	PWS	Kirloskar Brothers Ltd.	YES	Report is under process	NA	22		February 2010		Pending		49	
DSTPS (2X500)	MPP	BHEL	YES	Report is on the verge of submission	NA	36#	39#	August 2010	November 2010	May 2012	March 2013	21	28
	CHP	Thyssenkrupp Industries India Pvt. Ltd.	YES	Approved	LD imposed	27	30	June 2010	September 2010	January 2012	December 2012	19	27
	PWS	VA Tech Wabag	YES	Report is placed for approval	NA	20		December 2009		November 2011		23	
RTPS (2X600)	MPP	Reliance Energy Ltd.	No	NA	NA	35	38	November 2010	February 2011	Pending	Pending	40	37
	CHP	TRF Ltd.	No	NA	NA	27	30	October 2010	January 2011	Pending		41	38
	PWS	Mackintosh Burn Ltd.	No	NA	NA	22		May 2010		Pending		46	
BTPS 'A' (1X500)	MPP	BHEL	YES	Interim delay analysis report submitted	NA	39**	NA	December 2011	NA	Pending	NA	27	NA
	CHP	Techpro Systems Ltd.	No	NA	NA	25	NA	January 2015	NA	Pending	NA	NA	NA
	SR	TRF Ltd.	No	NA	NA	25	NA	January 2015	NA	Pending	NA	NA	NA
	DM	VA Tech Wabag	No	NA	NA	18	NA	June 2014	NA	Pending	NA	NA	NA
	PT	McNally Bharat Engineering Limited	No	NA	NA	20	NA	August 2014	NA	Pending	NA	NA	NA
Note	NA - Not applicable												
	** Zero date - 16.09.2008 & # Zero date - 03.08.2007												

**Annexure VI
(Refer to Para 3.4)**

Statement of approved cost and actual cost as on March 2014				
₹ in crore				
Name of the project	Original approved cost	Actual cost as on 31st March 2014	Cost over run	Percentage
A	B	C	D=C-B	E
MTPS U # 7 & 8	4,617	5,363	746	
DSTPS U# 1 & 2	4,457	5,862	1,405	
KTPS U# 1 & 2	4,212	6,676	2,464	
Sub Total (Completed projects)	13,286	17,901	4,615	35
RTPS U # 1 & 2	4,122	6,597	2,475	
BTPS 'A'	2,260	2,481	221	
Sub Total (Under construction)	6,382	9,078	2,696	42
Grand Total (Completed + Under construction)	19,668	26,979	7,311	37
Note: Working capital margin has not been considered in the cost				

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Annexure VI (contd)
(Refer to Para 3.4.1)

Break up of cost over-run as on 31st March 2014																	(₹ in crore)
MTPS 7&8							DSTPS				KTPS				Total		
Projects	Sl.No.	Expenditure	Original	Actual	Increase	Increase due to delay	Original	Actual	Increase	Increase due to delay	Original	Actual	Increase	Increase due to delay	Total increase	Total increase of IDC & OH due to delay	Increase due to wrong estimation
Completed Projects	1	EPC	3820	3801	-19	0	3872	4037	165	0	3309	3941	632		778		
	2	Non-EPC	300	479	179	0	113	425	312	0	427	747	320		811		
	3	Land	0	16	16	0	100	150	50	0	0	133	133		199		183
	4	IDC	275	913	638	346	300	1032	732	429	476	1472	996	996	2366	1771	
	5	Overhead	115	153	38	38	60	155	95	95	0	317	317		450	133	317
	6	Others	107	1	-106	0	12	63	51	0	0	66	66		11		
	7	Total	4617	5363	746	384	4457	5862	1405	524	4212	6676	2464	996	4615	1904	500
Note: Increase in overhead of KTPS has been considered as increase due to wrong estimation as no figure was taken in estimation.																	

RTPS							BTPS-A				Total		
Projects	Sl.No.	Expenditure	Original	Actual Expenditure	Increase	Increase due to delay	Original	Actual Expenditure	Increase	Increase due to delay	Total increase	Total increase of IDC & OH due to delay	Increase due to wrong estimation
Incomplete Projects	1	EPC	2,991	4,247	1,256		1,999	2,005	6	-	1,262		
	2	Non-EPC	300	385	85		70	164	94	-	179		
	3	Land	40	112	72		-	-	-	-	72		72
	4	IDC	630	1,747	1,117	1117	126	296	170	170	1,287	1,287	
	5	Overhead	159	106	-53	-53	65	5	-60	-60	-113	-113	
	6	Others	2	-	-2		-	11	11	11	9		
	7	Total	4,122	6,597	2,475	1064	2,260	2,481	221	121	2,696	1,174	72
Note-1: Working capital margin has not been considered in the cost													
Note-2: Increase in IDC and Overhead are due to delay in execution													

Annexure VII
(Refer to Para 3.4.2)

Statement of Power allocation vis-à-vis surplus (figures in MW)							
Name of the Units		Capacity MW	Retained by DTL	Other SEBs	DVC load	Surplus	
A		B	C	D	E	F = B-(C+D+E)	
Completed Projects	10th Plan spill over projects	MTPS 5&6	500	100	250	150	0
		CTPS 7&8	500	300	200	0	0
	11th Plan Projects	MTPS 7&8	1000	120	400	180	300
		DSTPS 1&2	1000	0	400	150	450
		KTPS 1	500	0	150	125	225
		Total	3500	520	1400	605	975
Incomplete Projects	11th Plan Projects	KTPS 2	500	0	150	125	225
		RTPS 1&2	1200		400	400	400
		BTPS A	500		200	200	100
Total		2200	0	750	725	725	
Grand Total		5700	520	2150	1330	1700	

Annexure VIII
(Refer to Para 3.4.3)

Report No. 22 of 2015

Statement of calculation of Additional Return on Equity (RoE)												
SI No.	Name of the Project	Unit No.	Timeline as per CERC Regulation (Months)	Date of investment approval	Scheduled COD as per CERC	Actual COD	Whether eligible for additional RoE	Completed cost (₹ in crore)	Debt @ 70% (₹ in crore)	Equity @ 30% (₹ in crore)	Rate of additional return on equity	*Total loss of additional return on equity (₹ in crore)
A	B	C	D	E	F	G	H	I	J = (I x 70%)	K = (I x 30%)	L	M = (K x L x 25)
Completed Projects												
1	MTPS	7	42	August 2006	February 2010	August 2011	YES	5363.45	3754.415	1609.035	0.50%	201.13
2	MTPS	8	48		August 2010	August 2012	YES					
3	DSTPS	1	44	April 2007	December 2010	May 2012	YES	5861.51	4103.057	1758.453	0.50%	219.81
4	DSTPS	2	50		June 2011	March 2013	YES					
5	KTPS	1	44	August 2006	April 2010	July 2013	YES	6676.32	4673.424	2002.896	0.50%	250.36
6	KTPS (advanced stage of completion)	2	50		October 2010	Not declared	YES					
												671.30
Ongoing Projects												
7	RTPS	1	44	April 2007	December 2010	Not declared	YES	6597.29	4618.103	1979.187	0.50%	247.40
8	RTPS	2	50		June 2011	Not declared	YES					
9	BTPS 'A'	1	42	August 2006	February 2010	Not declared	YES	2481.00	1736.700	744.300	0.50%	93.03
												340.43
Total Loss of Additional Return on Equity												1011.73
* Based on the useful life of 25 years of a thermal power station												

Annexure – IX
(Refer Para 3.4.4.1)

Performance of the Units commissioned under 11th Plan														
Unit	Commercial Operation Date	Installed Capacity (MW)	Available time hours			Actual Power Generation in (MKWH)			Capacity Utilisation per MW of installed capacity			Percentage of Capacity utilisation to Installed capacity		
A	B	C	D			E			F = E x 1000/D			G = F/C x 100		
Year			2011-12	2012-13	2013-14	2011-12	2012-13	2013-14	2011-12	2012-13	2013-14	2011-12	2012-13	2013-14
MTPS # 7	August 2011	500	5832	8760	8760	1333.670	3264.000	2994.455	228.68	372.60	341.83	45.74	74.52	68.37
MTPS # 8	August 2012	500		5472	8760		1739.630	2005.019		317.91	228.88		63.58	45.78
DSTPS # 1	May 2012	500		7704	8760		2319.188	2638.225		301.04	301.17		60.21	60.23
DSTPS # 2	March 2013	500		648	8760		86.141	1791.050		132.93	204.46		26.59	40.89
KTPS # 1	July 2013	500			6168			1501.022			243.36			48.67

Annexure-X
(Refer Para 3.4.4.1)

Forced outages and loss due to non-recovery of fixed cost thereof											
Year	2011-12		2012-13			2013-14					Total
Units	MTPS # 7	MTPS # 7	MTPS # 8	DSTPS # 1	DSTPS # 2	MTPS # 7	MTPS # 8	DSTPS # 1	DSTPS # 2	KTPS # 1	
Description of the trouble	Loss in hrs	Loss in hrs	Loss in hrs	Loss in hrs	Loss in hrs	Loss in hrs	Loss in hrs	Loss in hrs	Loss in hrs	Loss in hrs	
Boiler Tube leakage	85.37	319.30	272.22	696.93	0	85.83	101.98	140.85	494.28	245.460	
TG & Aux.	74	3.03	246.47	37.00	0	76.35	488.56	0	0	62.553	
Elect. Sys Trouble	886.74	106.74	37.29	344.430	0	0	2058.71	181.98	120.87	255.170	
C & I Trouble	5.93	7.62	0	75.880	0	0	4.9	6.32	4.25	7.500	
Operation/Furnace/flame	13.88	20.05	4.80	11.850	0	25.93	12.82	6.18	8.95		
AHP				0.000	0			0	0	74.083	
Misc./Others	710.17	0.95	39.03	122.030	0	30.7	0	15.88	131.16	357.050	
Total loss in hours	1776.09	457.69	599.81	1288.120	0	218.81	2666.97	351.21	759.51	1001.816	9120.026
PLF (%)	45.74	74.52	63.58	60.21	23.16	68.367	45.777	60.23	40.89	48.671	
Total loss in MU	406.191783	170.535294	190.679599	387.788526	0	74.79691635	610.429428	105.766892	155.281820	243.7969327	2345.27
Fixed cost (₹) /unit	1.82	1.82	1.82	2.37	2.37	1.82	1.82	2.37	2.37	2.4	
Loss in ₹ (Loss in MU x Fixed cost/Unit)	739269045	310374235	347036870	919058807	0	136130388	1110981560	250667533	368017912	585112638	4766648988

Annexure-XI
(Refer Para 3.4.4.2)

Auxiliary energy consumption vis-a-vis CERC norms								
Year	Unit	CERC Norms (%)	Actual (%)	Excess (%)	Actual Generation (MU)	Excess auxiliary consumption over CERC norms in kwh	Sale price/kwh (₹)	Loss due to excess auxiliary consumption (₹)
A	B	C	D	E = D - C	F	G = (E/100) x F x 1000000	H	I = G x H
2011-12	MTPS # 7	6.00	6.47	0.47	1333.670	6268249	3.93	24634219
2012-13	DSTPS # 1	6.00	6.68	0.68	2319.188	15770478	4.11	64816666
	DSTPS # 2	6.00	8.93	2.93	86.141	2523931		10373358
2013-14	DSTPS # 2	6.00	6.94	0.94	1791.050	16835870	4.21	70879013
	KTPS # 1	6.83	7.301	0.47	1501.022	7069814		29763915
Total								200467170

(Refer Para 3.4.4.3)

Secondary fuel oil consumption vis-a-vis CERC norms								
Year	Unit	CERC Norms (%)	Actual (%)	Excess (%)	Actual generation (MU)	Excess quantity of oil consumption over CERC norms in KL	Avg. Rate of Oil/kl (₹)	Loss due to excess oil consumption (₹)
A	B	C	D	E = D - C	F	G = E x F	H	I = G x H
2011-12	MTPS # 7	1.00	5.48	4.48	1333.670	5974.8416	49383.36	295057754
2012-13	MTPS # 8	1.00	1.62	0.62	1739.630	1078.5706	55560.00	59925383
	DSTPS # 1	1.00	3.35	2.35	2319.188	5450.0918		302807100
2013-14	MTPS # 8	1.00	1.02	0.02	2005.019	40.1004	56940.17	2283322
	DSTPS # 1	1.00	1.25	0.25	2638.225	659.5563		37555245
	DSTPS # 2	1.00	1.65	0.65	1791.050	1164.1825		66288749
	KTPS # 1	1.00	2.462	1.462	1501.022	2194.4942		124954871
Total								888872424
Note : The oil consumption of DSTPS # 2 for 2012-13 has not been considered as the unit was declared COD only in March 2013								