

**Annexure 3.1**  
**Range of monthly and quarterly deviation in actual vis-à-vis scheduled supplies**  
*(Referred to in para 3.1.5.1)*

Name of station	Name of coal company	No. of months having a variation of > 10 per cent from monthly scheduled quantity		No. of quarters having a variation of > 10 per cent from quarterly scheduled quantity	
		Instances	Range (in %)	Instances	Range (in %)
Badarpur	ECL	57 out of 67	-100 to 337	20 out of 23	-33 to 112
	CCL	49 out of 72	-100 to 41.43	18 out of 22	-98 to 14
Dadri	ECL (FSA signed in September 2013)	28 out of 31	-100 to -1.62	6 out of 10	-33 to -1
	CCL	60 out of 72	-63 to 107	13 out of 24	0 to 32
Vindhyachal	NCL	36 out of 72	-36 to 136	7 out of 24	-20 to 24
Sipat	SECL	60 out of 72	-99 to 59	20 out of 24	-37 to 71
Rihand	NCL	39 out of 72	-36 to 32	12 out of 24	-16 to 16
Korba	NCL	28 out of 72	-25 to 35	9 out of 24	-21 to 17
Vallur	MCL (FSA signed in July 2013)	32 out of 32	-27 to -67	10 out of 10	-57 to -42
Talcher	MCL (data for 2015-16 not provided)	49 out of 60	-20 to 68	18 out of 20	2 to 48
Ramagundum	SCCL	52 out of 72	-39 to 61	16 out of 24	-13 to 41
	MCL	67 out of 72	-100 to 158	21 out of 24	-100 to 58
	SECL	67 out of 72	-100 to 648	23 out of 24	-100 to 357
Farakka	ECL	47 out of 60	-67 to 56	15 out of 20	-15 to 37
	BCCL	51 out of 60	-100 to 146	8 out of 20	-100 to 75
	MCL	23 out of 24	-100 to 79	8 out of 8	-82 to -24
	CCL	24 out of 24	-100 to 3	8 out of 8	-74 to 25
	NECL	54 out of 60	-100 to 192	15 out of 20	-100 to 148
Mouda	WCL (clause not included in FSA)	15 out of 15	-100 to 11	5 out of 5	-86 to -32
	SECL (FSA started in Apr 2015)	10 out of 12	-97 to 134	3 out of 4	-47 to -8
	MCL (FSA signed in July 2013 & terminated in March 2015)	21 out of 21	-100 to -34	7 out of 7	-98 to -41
Jhajjar data not provided					

**Annexure-5.1**

**Comparison of SHR reported by stations using GCV 'As Fired' and SHR worked out using GCV 'As Received'**  
(Referred to in para 5.2.1)

(Figures in kCal/kWhr)

Name of station	Range of SHR reported by stations (using GCV 'as fired')	Range of SHR worked out using GCV 'as received'	Range of difference
	1	2	3
Dadri Stage I	2376 - 2411	2416 - 3198	6-803
Dadri Stage II	2356 - 2408	2350- 2951	(-)-47 - 568
Talcher	2804 -2828	3429 -3510	625 - 682
Badarpur	2614 - 2765	3187 - 3572	477 - 828
Korba Stage I & II	2371 - 2398	2488 -2870	102 - 499
Korba Stage III	2347 - 2481	2472 - 2852	29 -501
Vallur	2417 - 2659	2765 - 3656	110 -1103
Rihand stage I	2318 - 2368	2728 - 2900	360 - 572
Rihand stage II	2338 - 2384	2724 - 2996	375 - 652
Rihand stage III	2321 - 2530	2536 - 3848	215 - 1124
Sipat	2279 - 2375	2079-2972	(-)-44 - 611
Farakka	2395 - 2406	3244 - 3667	848 - 1261

**Annexure-6.1**  
**Details of stations which had zero stock of coal**  
*(Referred to in Para 6.1)*

2012-13			2013-14			2014-15		
Month	Stations having zero domestic coal stock		Month	Stations having zero domestic coal stock		Month	Stations having zero domestic coal stock	
	Stations	No. of days		Stations	No. of days		Stations	No. of days
April	-	-	April	Dadri	20	April	-	-
May	-	-		Badarpur	3	May	-	-
June	Unchahar	2	May	Dadri	14	June	-	-
	Dadri	1		Farakka	1	July	Vindhyachal	2
July	Farakka	2	June	-	-	August	-	-
	Unchahar	16	July	Ramagundum	6	September	Ramagundum	7
	Kahalgaon	1	August	-	-	October	Rihand	2
	Dadri	4	September	-	-		Unchahar	26
August	Unchahar	8	October	Ramagundum	1		Tanda	9
	Vindhyachal	5	November	Rihand	1		Badarpur	21
September	Tanda	1		Unchahar	7	Dadri	1	
October	Dadri	5			Talcher Kaniha	1	November	Vindhyachal
	Sipat	10	December	Unchahar	14	Badarpur		10
November	Dadri	13		Ramagundum	1	Tanda		23
	Sipat	29	January	Unchahar	18	Unchahar		30
December	-	-		Ramagundum	1	Singrauli		16
January	Dadri	15	February	Unchahar	16	December	Unchahar	31
	Sipat	1	March	-	-	January	Unchahar	3
February	Dadri	2				February	-	-
March	Dadri	28				March	-	-

**Annexure – 7.1**  
**Specific Coal Consumption of Stations from April 2010 to March 2016**  
*(Referred to in Para 7.1)*

(in Kg.)

Month	Dadri	Farakka	APCPL Jhajjar	Mouda	Ramag- undum	Rihand III	Sipat	Talcher Thermal	NTECL Vallur	Vindhya- achal IV	Badarpur	Korba	Barh
Apr-10	0.64	0.77	0	0	0.57	0.67	0	0.81	0	0.71	0.80	0.75	0
May-10	0.67	0.77	0	0	0.56	0.67	0	0.81	0	0.70	0.77	0.72	0
Jun-10	0.64	0.70	0	0	0.57	0.67	0	0.81	0	0.71	0.78	0.75	0
Jul-10	0.64	0.81	0	0	0.60	0.68	0	0.81	0	0.69	0.81	0.80	0
Aug-10	0.67	0.66	0	0	0.63	0.64	0	0.82	0	0.64	0.80	0.79	0
Sep-10	0.69	0.64	0	0	0.62	0.63	0	0.84	0	0.65	0.80	0.74	0
Oct-10	0.67	0.63	0	0	0.61	0.60	0	0.82	0	0.67	0.81	0.68	0
Nov-10	0.68	0.63	0	0	0.59	0.63	0	0.82	0	0.65	0.81	0.76	0
Dec-10	0.71	0.60	0	0	0.58	0.62	0	0.82	0	0.66	0.80	0.75	0
Jan-11	0.63	0.59	0	0	0.57	0.62	0	0.81	0	0.67	0.85	0.70	0
Feb-11	0.64	0.00	0	0	0.58	0.63	0	0.82	0	0.68	0.87	0.72	0
Mar-11	0.65	0.58	0.70	0	0.58	0.60	0	0.82	0	0.68	0.84	0.72	0
Apr-11	0.63	0.61	0.78	0	0.58	0.63	0	0.81	0	0.69	0.84	0.74	0
May-11	0.63	0.66	0.71	0	0.61	0.64	0	0.81	0	0.68	0.83	0.72	0
Jun-11	0.65	0.65	0.77	0	0.62	0.68	0	0.82	0	0.70	0.84	0.71	0
Jul-11	0.65	0.66	0.93	0	0.57	0.69	0	0.82	0	0.70	0.83	0.73	0
Aug-11	0.69	0.69	0.91	0	0.57	0.68	0	0.82	0	0.72	0.87	0.72	0
Sep-11	0.67	0.69	0.84	0	0.50	0.69	0	0.83	0	0.65	1.02	0.67	0
Oct-11	0.71	0.67	0.75	0	0.55	0.64	0.64	0.82	0	0.67	0.99	0.68	0
Nov-11	0.69	0.72	0.80	0	0.59	0.67	0.64	0.82	0	0.70	0.89	0.71	0
Dec-11	0.67	0.72	0.77	0	0.65	0.70	0.63	0.81	0	0.69	0.94	0.74	0
Jan-12	0.67	0.71	0.78	0	0.61	0.69	0.60	0.80	0	0.69	0.89	0.74	0
Feb-12	0.68	0.77	0.71	0	0.63	0.67	0.69	0.81	0	0.71	0.86	0.73	0

Month	Dadri	Farakka	APCPL Jhajjar	Mouda	Ramag- undum	Rihand III	Sipat	Talcher Thermal	NTECL Vallur	Vindhya- achal IV	Badarpur	Korba	Barh
Mar-12	0.66	0.73		0	0.59	0.68	0.67	0.82	0	0.70	0.87	0.71	0
Apr-12	0.69	0.70	0.70	0	0.63	0.70	0.63	0.82	0	0.70	0.87	0.73	0
May-12	0.66	0.72	0.72	0	0.62	0.70	0.62	0.82	0	0.71	0.92	0.72	0
Jun-12	0.67	0.67	0.73	0	0.59	0.70	0.67	0.82	0	0.73	0.93	0.75	0
Jul-12	0.73	0.73	0.79	0	0.59	0.73	0.73	0.82	0	0.76	0.90	0.69	0
Aug-12	0.76	0.89	0.76	0	0.58	0.68	0.63	0.82	0	0.77	0.90	0.73	0
Sep-12	0.74	0.84	0.76	0	0.58	0.66	0.65	0.82	0	0.74	0.92	0.76	0
Oct-12	0.70	0.85	0.80	0	0.69	0.66	0.60	0.82	0	0.72	0.89	0.82	0
Nov-12	0.65	0.78	0.71	0	0.63	0.68	0.58	0.82	0.86	0.69	0.88	0.69	0
Dec-12	0.67	0.79	0.68	0	0.64	0.67	0.62	0.81	0.87	0.73	0.87	0.77	0
Jan-13	0.67	0.88	0.66	0	0.64	0.67	0.67	0.81	0.78	0.72	0.85	0.75	0
Feb-13	0.67	0.87	0.63	0	0.65	0.71	0.62	0.81	0.74	0.71	0.82	0.77	0
Mar-13	0.69	0.85	0.67	0	0.62	0.67	0.63	0.81	0.70	0.74	0.81	0.79	0
Apr-13	0.66	0.79	0.66	0.00	0.65	0.67	0.61	0.81	0.68	0.72	0.85	0.77	0
May-13	0.63	0.77	0.80	0.00	0.67	0.67	0.67	0.82	0.66	0.68	0.86	0.74	0
Jun-13	0.62	0.77	0.80	3.21	0.66	0.69	0.68	0.82	0.60	0.67	0.86	0.78	0
Jul-13	0.62	0.74	0.78	1.30	0.64	0.70	0.66	0.82	0.62	0.70	0.85	0.71	0
Aug-13	0.68	0.75	0.72	1.17	0.66	0.73	0.64	0.82	0.68	0.71	0.87	0.67	0
Sep-13	0.68	0.77	0.70	1.20	0.72	0.69	0.66	0.82	0.67	0.68	0.88	0.67	0
Oct-13	0.70	0.77	0.76	1.52	0.70	0.73	0.64	0.82	0.71	0.67	0.87	0.69	0
Nov-13	0.70	0.69	0.71	1.08	0.69	0.72	0.63	0.82	0.69	0.65	0.88	0.70	0
Dec-13	0.69	0.66	0.71	1.02	0.68	0.75	0.58	0.81	0.73	0.72	0.84	0.74	0
Jan-14	0.68	0.70	0.68	0.86	0.66	0.72	0.62	0.81	0.69	0.71	0.83	0.74	0
Feb-14	0.68	0.67	0.72	0.61	0.66	0.71	0.60	0.81	0.69	0.71	0.83	0.74	0
Mar-14	0.71	0.72	0.76	0.56	0.67	0.72	0.62	0.81	0.68	0.70	0.85	0.81	0
Apr-14	0.70	0.77	0.75	0.56	0.68	0.72	0.59	0.81	0.65	0.71	0.81	0.70	0

Month	Dadri	Farakka	APCPL Jhajjar	Mouda	Ramagundum	Rihand III	Sipat	Talcher Thermal	NTECL Vallur	Vindhyachal IV	Badarpur	Korba	Barh
May-14	0.68	0.75	0.74	0.58	0.68	0.69	0.65	0.81	0.66	0.71	0.81	0.73	0
Jun-14	0.67	0.77	0.78	0.67	0.70	0.70	0.61	0.81	0.68	0.71	0.82	0.74	0
Jul-14	0.71	0.74	0.82	0.78	0.74	0.71	0.57	0.82	0.67	0.72	0.85	0.78	0
Aug-14	0.71	0.77	0.86	0.79	0.75	0.72	0.62	0.82	0.73	0.71	0.87	0.75	0
Sep-14	0.72	0.74	0.83	0.75	0.70	0.70	0.59	0.82	0.66	0.72	0.87	0.69	0
Oct-14	0.73	0.74	0.87	0.73	0.66	0.68	0.62	0.82	0.69	0.68	0.87	0.67	0
Nov-14	0.72	0.72	0.80	0.68	0.66	0.71	0.59	0.82	0.71	0.68	0.81	0.78	0.57
Dec-14	0.74	0.70	0.72	0.74	0.67	0.69	0.59	0.82	0.70	0.69	0.81	0.76	0.59
Jan-15	0.72	0.69	0.71	0.72	0.71	0.66	0.62	0.66	0.69	0.70	0.77	0.71	0.59
Feb-15	0.71	0.72	0.72	0.73	0.68	0.67	0.56	0.81	0.67	0.70	0.76	0.69	0.60
Mar-15	0.71	0.67	0.72	0.71	0.67	0.65	0.57	0.81	0.63	0.70	0.76	0.67	0.65
Apr-15	0.63	0.82	0.71	0.68	0.69	0.66	0.67	0.81	0.64	0.71	0.80	0.69	0.66
May-15	0.61	0.79	0.65	0.70	0.70	0.67	0.66	0.82	0.65	0.69	0.77	0.78	0.64
Jun-15	0.62	0.78	0.69	0.69	0.71	0.71	0.64	0.82	0.66	0.72	0.77	0.73	0.62
Jul-15	0.66	0.78	0.68	0.71	0.69	0.68	0.62	0.82	0.64	0.71	0.78	0.77	0.65
Aug-15	0.68	0.75	0.71	0.73	0.70	0.67	0.64	0.83	0.67	0.69	0.76	0.79	0.64
Sep-15	0.69	0.72	0.70	0.71	0.69	0.66	0.67	0.83	0.73	0.71	0.79	0.74	0.65
Oct-15	0.65	0.72	0.69	0.70	0.68	0.65	0.59	0.83	0.69	0.69	0.73	0.65	0.66
Nov-15	0.64	0.71	0.64	0.74	0.67	0.65	0.61	0.83	0.70	0.70	0.70	0.64	0.66
Dec-15	0.65	0.74	0.72	0.72	0.66	0.63	0.60	0.83	0.68	0.71	0.74	0.68	0.61
Jan-16	0.66	0.72	0.74	0.00	0.65	0.67	0.63	0.82	0.64	0.67	0.74	0.63	0.60
Feb-16	0.65	0.71	0.75	0.73	0.61	0.63	0.62	0.82	0.66	0.67	0.74	0.66	0.57
Mar-16	0.61	0.74	0.71	0.72	0.62	0.63	0.61	0.82	0.69	0.66	0.74	0.61	0.60

**Annexure-7.2**  
**Impact of blending of imported coal on Specific Coal Consumption (SCC)**  
*(Referred to in Para 7.2)*

Sl. No.	Station	SCC (in kg)	Month (blending ratio)	
			(Difference of 6% and above taken into account)	
1	Badarpur	0.80	December 2010 (8%)	August 2010 (21%)
		0.81	October 2010 (4%)	July 2010 (14%)
		0.87	August 2011 (0.01%)	February 2011 (7%)
2	Rihand	0.63	November 2010 (2%)	September 2010 (10%)
		0.66	September 2012 (0%)	January 2015 (7%)
		0.67	February 2012 (0%)	June 2010 (9%)
		0.68	August 2012 (0%)	August 2011 (15%)
		0.69	January 2012 (1%)	September 2011 (12%)
		0.70	May 2012, June 2012 and April 2012 (0%)	September 2014 (13%)
		0.71	February 2014 (0%)	November 2014 (8%)
		0.72	November 2013, January 2014 and April 2014 (0%)	August 2014 (6%)
		0.73	July 2012 and December 2013 (0%)	August 2013 (11%)
3	Dadri	0.63	April 2011 (9%)	May 2013 (25%)
		0.64	February 2011 (7%)	July 2010(22%)
		0.65	March 2011 (3%)	July 2011 (25%)
		0.66	April 2013 (6%)	March 2012(21%)
		0.67	February 2013 (8%)	June 2012 (30%)
		0.68	February 2014 (1%)	August 2013(22%)
		0.69	March 2013 (1%)	August 2011 (23%)
		0.71	December 2010 (2%)	March 2015 (28%)
		0.72	September 2014 (11%)	January 2015 (24%)
		0.74	September 2012 (1%)	December 2014 (23%)
4	Sipat	0.58	December 2013 (5%)	November 2012 (16%)
		0.59	April 2014 (4%)	September 2014 (15%)
		0.61	April 2013 (3%)	June 2014 (9%)
		0.62	May 2012 (1%)	August 2014 (13%)
		0.63	March 2013 (4%)	August 2012 (15%)
		0.64	October 2011 (4%)	August 2013 (12%)
		0.65	May 2014 (8%)	September 2012 (22%)
		0.67	June 2012 (5%)	May 2013 (14%)
5	Vindhachal	0.65	November 2013 (1%)	September 2011 (13%)
		0.67	October 2010 and October 2013 (2%)	October 2011 (8%)
		0.68	March 2011 (2%)	October 2014 (9%)
		0.69	December 2014 and January 2012 (0%)	July 2010 (7%)
		0.70	January 2015, March 2012 and April 2012 (0%)	March 2015 (7%)
		0.71	February 2014, May 2012, February 2012, February 2013 and January 2014 (0%)	June 2010 (7%)

Sl. No.	Station	SCC (in kg)	Month (blending ratio) (Difference of 6% and above taken into account)	
		0.72	January 2013 and December 2013 (0%)	August 2011 (8%)
6	Vallur	0.66	May 2013 (30%)	September 2014 (49%)
		0.67	September 2013 (20%)	July 2014 (52%)
		0.68	April 2013 (20%)	March 2014 (38%)
		0.69	January 2015 (32%)	October 2014 (43%)
		0.70	March 2013 (35%)	December 2014 (55%)
		0.71	October 2013 (13%), November 2014 (53%)	November 2014 (53%)
7.	Jhajjar	0.70	March 2011 (9.40%)	September 2013 (28.65%)
		0.71	May 2011 (5.42%)	January 2015 (38.21%)
		0.72	May 2012 (17.76%)	March 2015 (41.25%)
		0.75	April 2014 (16.92%)	October 2011 (24.05%)
		0.76	March 2014 (14.68%)	August 2012(38.01%)
		0.77	June 2011 (5.01%)	December 2011 (17.18%)
		0.78	April 2011 (9.88%)	June 2014 (32.76%)
		0.80	November 2011 (16.38%)	October 2012 (31.22%)
8	Ramagundam	0.58	September 2012 (0%)	December 2010 (8.55%)
		0.62	May 2012 (1.55%)	September 2010 (7.59%)
		0.63	November & April 2012 (0%)	August 2010 (10.30%)
		0.64	December 2012 (0.85%)	July 2013 (22.90%)
		0.65	December 2011 (0%)	February 2013 (9.68%)
		0.66	February 2014 (0.86%)	October 2014 (22.20%)
		0.67	May 2013 (0.60%)	March 2015 (25.42%)
		0.68	December 2013 (6.34%)	May 2014 (21.82%)
		0.70	October 2013 (0%)	September 2014 (8.28%)
9.	Talcher	0.81	February 2014 (0%)	April 2010, May 2010, July 2010, June 2010 (4%)
		0.82	November 2012 (0%)	August 2010 (1%)
10.	Korba	0.67	October 2014 (1%)	September 2011, March 2015 (4%)
		0.69	November 2012 (1%)	September 2014 (8%)
		0.71	March 2012 (1%)	January 2015 (6%)
		0.72	May 2010 (1%)	May 2011 (6%)
		0.73	May 2014 (3%)	July 2011 and August 2012 (5%)
		0.74	April 2011, December 2013 (1%)	May 2013 (8%)
		0.75	December 2010 (1%)	June 2012 and August 2014 (5%)
		0.76	November 2010 (3%),	September 2012 (9%)
		0.78	July 2014 (5%)	June 2013 (8%)