

**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Coram

- 1. Dr. Pramod Deo, Chairperson**
- 2. Shri R.Krishnamoorthy, Member**
- 3. Shri S.Jayaraman, Member**
- 4. Shri V. S. Verma, Member**

**Petition No 246/2009
(Suo-motu)**

In the matter of

Maintenance of Grid Discipline – Non -compliance of statutory provisions by Gujarat Electricity Transmission Corporation.

And in the matter of

Gujarat Electricity Transmission Corporation Limited, Vadodara ...Respondent

ORDER

In exercise of powers conferred under Section 178 of the Electricity Act, 2003 (the Act), the Central Electricity Regulatory Commission (the Commission) has specified Indian Electricity Grid Code (the Grid Code). Paras 5.4.2(a) and 6.4.7 of the Grid Code enjoin upon the State utilities to endeavor to restrict their net drawal from the grid to their respective drawal schedule whenever the system frequency is below 49.5 Hz. These paras further mandate that the State utilities shall carryout requisite load shedding when the frequency falls below 49.2 Hz. Extracts of relevant paras of the Grid Code are reproduced below:

“5.4.2 Manual Demand Disconnection

(a) As mentioned elsewhere, the constituents shall endeavour to restrict their net drawal from the grid to within their respective drawal schedules whenever the system frequency is below 49.5 Hz. When the frequency falls below ²⁵[49.2 Hz], requisite load shedding (manual) shall be carried out in the concerned State to curtail the over-drawal.

6.4 Demarcation of responsibilities

7. Provided that the States, through their SLDCs, shall always endeavour to restrict their net drawal from the grid to within their respective drawal schedules, whenever the system frequency is below 49.5 Hz. When the frequency falls below 49.2 Hz, requisite load shedding shall be carried out in the concerned State(s) to curtail the over-drawal.

2. In keeping with the above noted provisions of the Grid Code, with effect from 1.4.2009, manual load shedding is to be carried out to curtail over-drawal when the grid frequency fall below 49.2 Hz.

3. Further clause (1) of regulation 7 of the Central Electricity Regulatory Commission (Unscheduled Interchange charges and related matters) Regulations, 2009 (hereinafter “the UI charges regulations”) prescribes the following limits on UI volumes:

(1) The over-drawal of electricity from the schedule by any beneficiary or a buyer during a time-block shall not exceed 12% of its scheduled drawal or 150 MW (whichever is lower) when frequency is below 49.5 Hz, and 3% on a daily aggregate basis.

4. Clause (4) of regulation 7 of the UI charges regulations specifically provides as under:

(4) Payment of Unscheduled Interchange Charges under regulation 5 and the Additional Unscheduled Interchange Charge under Regulation 7(3) above, shall

be without prejudice to any action that may be considered appropriate under section 142 and section 149 of the Act for contravention of the over-drawal and under-generation limit specified in these regulations, for a time block when frequency is below 49.5 Hz.

5. Under the above conspectus of statutory provisions, it has been reported by the Western Regional Load Despatch Centre (WRLDC) that the respondent had, during the period from 21.9.2009 to 27.9.2009, over-drawn from the grid during 261 time blocks, when the frequency of the grid was below 49.2 Hz. The details of over-drawal by the respondent during the above period, when the frequency was below 49.2 Hz are appended as Annexure I to this order.

6. From the report of WRLDC, it is also noticed that the respondent has exceeded the above mentioned limit 12% of schedule during 427 time blocks during the period 21.9.2009 to 27.9.2009, as per the details provided in Annexure II to this order.

7. It is also seen that on six days during the above period, over-drawal by the respondent at frequency below 49.5 Hz, was more than 3% on a daily aggregate basis. The details of over-drawal by the respondent on each of the above six days is as per Annexure III to this order.

8. On perusal of the details *prima facie*, we are satisfied that the respondent is guilty of contravention of and non-compliance with the provisions of the Grid Code and the UI charges regulations. Accordingly, the respondent is directed to show cause as to why it should not be held guilty of contravention of and non-compliance with the provisions of the Grid Code and UI charges regulation and penalty under Section 142 of

the Act be not imposed on it for over-drawal of electricity on each occasion in contravention of the provisions of the Grid Code and UI charges regulation. The reply may be submitted latest by 30.11.2009.

9. The Member-Secretary WRPC and the General Manager, WRLDC or their representatives shall assist the Commission in the present proceedings.

10. List this petition for further directions on 8.12.2009.

Sd/=
[V. S. VERMA]
MEMBER

Sd/=
[S. JAYARAMAN]
MEMBER

Sd/=
[R. KRISHNAMOORTHY]
MEMBER

Sd/=
[DR. PRAMOD DEO]
CHAIRPERSON

New Delhi, dated 13th November 2009

Annexure I

Details of over-drawals when frequency was below 49.2 Hz for the period 21.9.2009 to 27.9.2009

(Average MW)

S.No	Date	Time block No.	Over Drawal
1.	21-Sep-09	1	491
2.	21-Sep-09	2	333
3.	21-Sep-09	3	266
4.	21-Sep-09	4	245
5.	21-Sep-09	5	125
6.	21-Sep-09	6	106
7.	21-Sep-09	7	92
8.	21-Sep-09	50	152
9.	21-Sep-09	56	200
10.	21-Sep-09	91	270
11.	21-Sep-09	93	219
12.	22-Sep-09	1	158
13.	22-Sep-09	2	233
14.	22-Sep-09	3	297
15.	22-Sep-09	5	238
16.	22-Sep-09	8	189
17.	22-Sep-09	10	159
18.	22-Sep-09	11	204
19.	22-Sep-09	20	18
20.	22-Sep-09	22	120
21.	22-Sep-09	40	481
22.	22-Sep-09	45	416
23.	22-Sep-09	46	478
24.	22-Sep-09	47	498
25.	22-Sep-09	48	479
26.	22-Sep-09	49	329
27.	22-Sep-09	50	363
28.	22-Sep-09	51	321
29.	22-Sep-09	52	338
30.	22-Sep-09	54	457
31.	22-Sep-09	55	377
32.	22-Sep-09	56	201

33.	22-Sep-09	57	296
34.	22-Sep-09	58	440
35.	22-Sep-09	59	503
36.	22-Sep-09	60	511
37.	22-Sep-09	64	471
38.	22-Sep-09	66	436
39.	22-Sep-09	73	334
40.	22-Sep-09	74	393
41.	22-Sep-09	77	673
42.	22-Sep-09	78	766
43.	22-Sep-09	79	715
44.	22-Sep-09	80	631
45.	22-Sep-09	81	404
46.	22-Sep-09	82	401
47.	22-Sep-09	83	449
48.	22-Sep-09	84	555
49.	22-Sep-09	85	504
50.	22-Sep-09	86	287
51.	22-Sep-09	87	136
52.	22-Sep-09	89	85
53.	22-Sep-09	90	221
54.	23-Sep-09	3	337
55.	23-Sep-09	22	204
56.	23-Sep-09	26	500
57.	23-Sep-09	27	481
58.	23-Sep-09	42	322
59.	23-Sep-09	46	577
60.	23-Sep-09	47	618
61.	23-Sep-09	48	469
62.	23-Sep-09	50	585
63.	23-Sep-09	51	643
64.	23-Sep-09	52	586
65.	23-Sep-09	56	640
66.	23-Sep-09	57	753
67.	23-Sep-09	58	746
68.	23-Sep-09	59	692
69.	23-Sep-09	60	775
70.	23-Sep-09	64	684
71.	23-Sep-09	66	761
72.	23-Sep-09	67	749
73.	23-Sep-09	69	656

74.	23-Sep-09	70	511
75.	23-Sep-09	71	288
76.	23-Sep-09	72	296
77.	23-Sep-09	73	229
78.	23-Sep-09	74	104
79.	23-Sep-09	75	11
80.	23-Sep-09	76	316
81.	23-Sep-09	77	507
82.	23-Sep-09	82	440
83.	23-Sep-09	83	362
84.	23-Sep-09	84	358
85.	23-Sep-09	85	432
86.	23-Sep-09	86	402
87.	23-Sep-09	87	337
88.	23-Sep-09	88	331
89.	23-Sep-09	89	259
90.	23-Sep-09	90	270
91.	23-Sep-09	91	236
92.	23-Sep-09	92	198
93.	23-Sep-09	94	128
94.	24-Sep-09	1	162
95.	24-Sep-09	2	231
96.	24-Sep-09	5	207
97.	24-Sep-09	6	185
98.	24-Sep-09	18	121
99.	24-Sep-09	19	104
100.	24-Sep-09	20	128
101.	24-Sep-09	21	207
102.	24-Sep-09	22	278
103.	24-Sep-09	23	307
104.	24-Sep-09	24	280
105.	24-Sep-09	29	341
106.	24-Sep-09	35	367
107.	24-Sep-09	38	578
108.	24-Sep-09	39	541
109.	24-Sep-09	42	448
110.	24-Sep-09	43	490
111.	24-Sep-09	44	475
112.	24-Sep-09	45	513
113.	24-Sep-09	46	565
114.	24-Sep-09	47	579

115.	24-Sep-09	48	496
116.	24-Sep-09	50	403
117.	24-Sep-09	51	395
118.	24-Sep-09	54	389
119.	24-Sep-09	55	459
120.	24-Sep-09	57	382
121.	24-Sep-09	58	222
122.	24-Sep-09	59	317
123.	24-Sep-09	60	200
124.	24-Sep-09	61	133
125.	24-Sep-09	62	53
126.	24-Sep-09	64	293
127.	24-Sep-09	70	699
128.	24-Sep-09	75	790
129.	24-Sep-09	77	924
130.	24-Sep-09	82	657
131.	24-Sep-09	83	677
132.	24-Sep-09	84	625
133.	24-Sep-09	85	669
134.	24-Sep-09	86	463
135.	24-Sep-09	88	157
136.	24-Sep-09	90	339
137.	24-Sep-09	94	322
138.	25-Sep-09	1	409
139.	25-Sep-09	2	314
140.	25-Sep-09	3	269
141.	25-Sep-09	4	248
142.	25-Sep-09	5	331
143.	25-Sep-09	7	437
144.	25-Sep-09	8	410
145.	25-Sep-09	9	382
146.	25-Sep-09	10	409
147.	25-Sep-09	11	405
148.	25-Sep-09	12	267
149.	25-Sep-09	14	227
150.	25-Sep-09	15	197
151.	25-Sep-09	16	199
152.	25-Sep-09	17	247
153.	25-Sep-09	18	262
154.	25-Sep-09	19	273
155.	25-Sep-09	20	304

156.	25-Sep-09	24	451
157.	25-Sep-09	28	299
158.	25-Sep-09	29	211
159.	25-Sep-09	38	607
160.	25-Sep-09	39	627
161.	25-Sep-09	40	686
162.	25-Sep-09	42	549
163.	25-Sep-09	46	706
164.	25-Sep-09	49	579
165.	25-Sep-09	50	526
166.	25-Sep-09	54	756
167.	25-Sep-09	56	570
168.	25-Sep-09	57	553
169.	25-Sep-09	58	494
170.	25-Sep-09	59	496
171.	25-Sep-09	60	486
172.	25-Sep-09	62	539
173.	25-Sep-09	63	553
174.	25-Sep-09	64	628
175.	25-Sep-09	71	537
176.	25-Sep-09	72	540
177.	25-Sep-09	75	436
178.	25-Sep-09	79	591
179.	25-Sep-09	86	305
180.	25-Sep-09	89	379
181.	25-Sep-09	90	457
182.	25-Sep-09	91	463
183.	25-Sep-09	92	560
184.	25-Sep-09	93	646
185.	25-Sep-09	94	633
186.	25-Sep-09	96	513
187.	26-Sep-09	2	568
188.	26-Sep-09	3	677
189.	26-Sep-09	4	642
190.	26-Sep-09	5	648
191.	26-Sep-09	6	565
192.	26-Sep-09	7	582
193.	26-Sep-09	8	512
194.	26-Sep-09	14	179
195.	26-Sep-09	15	261
196.	26-Sep-09	16	390

197.	26-Sep-09	17	379
198.	26-Sep-09	18	383
199.	26-Sep-09	19	412
200.	26-Sep-09	20	389
201.	26-Sep-09	21	413
202.	26-Sep-09	22	501
203.	26-Sep-09	23	573
204.	26-Sep-09	24	494
205.	26-Sep-09	26	523
206.	26-Sep-09	27	368
207.	26-Sep-09	28	374
208.	26-Sep-09	30	410
209.	26-Sep-09	42	702
210.	26-Sep-09	47	500
211.	26-Sep-09	50	393
212.	26-Sep-09	51	341
213.	26-Sep-09	55	637
214.	26-Sep-09	56	699
215.	26-Sep-09	63	739
216.	26-Sep-09	71	510
217.	26-Sep-09	78	442
218.	26-Sep-09	85	126
219.	26-Sep-09	86	240
220.	26-Sep-09	87	207
221.	26-Sep-09	88	117
222.	26-Sep-09	89	138
223.	26-Sep-09	90	73
224.	26-Sep-09	91	181
225.	26-Sep-09	92	234
226.	26-Sep-09	93	149
227.	26-Sep-09	94	218
228.	26-Sep-09	95	167
229.	26-Sep-09	96	179
230.	27-Sep-09	2	343
231.	27-Sep-09	3	344
232.	27-Sep-09	4	380
233.	27-Sep-09	5	381
234.	27-Sep-09	6	307
235.	27-Sep-09	7	292
236.	27-Sep-09	8	306
237.	27-Sep-09	9	358

238.	27-Sep-09	10	324
239.	27-Sep-09	11	314
240.	27-Sep-09	12	320
241.	27-Sep-09	13	321
242.	27-Sep-09	14	246
243.	27-Sep-09	15	189
244.	27-Sep-09	16	217
245.	27-Sep-09	17	176
246.	27-Sep-09	18	220
247.	27-Sep-09	19	235
248.	27-Sep-09	20	294
249.	27-Sep-09	21	323
250.	27-Sep-09	22	402
251.	27-Sep-09	23	449
252.	27-Sep-09	24	510
253.	27-Sep-09	35	495
254.	27-Sep-09	36	550
255.	27-Sep-09	41	743
256.	27-Sep-09	42	390
257.	27-Sep-09	46	207
258.	27-Sep-09	50	182
259.	27-Sep-09	51	174
260.	27-Sep-09	53	339
261.	27-Sep-09	55	366

Details of over-drawals in excess of 12% of the schedule over the time block when frequency was below 49.5 Hz during the period 21.9.2009 to 27.9.2009

(Average MW)

S.No	Date	Block No.	Over-drawal
1.	21-Sep-09	1	285
2.	21-Sep-09	2	128
3.	21-Sep-09	3	61
4.	21-Sep-09	4	39
5.	21-Sep-09	90	13
6.	21-Sep-09	91	41
7.	21-Sep-09	92	40
8.	21-Sep-09	94	52
9.	21-Sep-09	96	85
10.	22-Sep-09	2	1
11.	22-Sep-09	3	65
12.	22-Sep-09	4	48
13.	22-Sep-09	5	7
14.	22-Sep-09	6	58
15.	22-Sep-09	12	10
16.	22-Sep-09	23	26
17.	22-Sep-09	24	69
18.	22-Sep-09	26	113
19.	22-Sep-09	38	165
20.	22-Sep-09	40	258
21.	22-Sep-09	42	71
22.	22-Sep-09	43	171
23.	22-Sep-09	44	185
24.	22-Sep-09	45	195
25.	22-Sep-09	46	257
26.	22-Sep-09	47	276
27.	22-Sep-09	48	257
28.	22-Sep-09	49	107
29.	22-Sep-09	50	143
30.	22-Sep-09	51	100
31.	22-Sep-09	52	118
32.	22-Sep-09	53	177
33.	22-Sep-09	54	237
34.	22-Sep-09	55	158

35.	22-Sep-09	57	76
36.	22-Sep-09	58	220
37.	22-Sep-09	59	283
38.	22-Sep-09	60	291
39.	22-Sep-09	61	334
40.	22-Sep-09	62	429
41.	22-Sep-09	63	329
42.	22-Sep-09	64	251
43.	22-Sep-09	65	236
44.	22-Sep-09	66	214
45.	22-Sep-09	67	283
46.	22-Sep-09	68	332
47.	22-Sep-09	69	171
48.	22-Sep-09	70	235
49.	22-Sep-09	71	145
50.	22-Sep-09	72	55
51.	22-Sep-09	73	113
52.	22-Sep-09	74	169
53.	22-Sep-09	75	151
54.	22-Sep-09	76	268
55.	22-Sep-09	77	444
56.	22-Sep-09	78	537
57.	22-Sep-09	79	486
58.	22-Sep-09	80	402
59.	22-Sep-09	81	176
60.	22-Sep-09	82	173
61.	22-Sep-09	83	219
62.	22-Sep-09	84	326
63.	22-Sep-09	85	275
64.	22-Sep-09	86	58
65.	22-Sep-09	91	177
66.	22-Sep-09	92	205
67.	22-Sep-09	93	138
68.	22-Sep-09	94	185
69.	22-Sep-09	95	173
70.	22-Sep-09	96	226
71.	23-Sep-09	1	184
72.	23-Sep-09	2	223
73.	23-Sep-09	3	116
74.	23-Sep-09	4	179
75.	23-Sep-09	5	139

76.	23-Sep-09	6	47
77.	23-Sep-09	7	47
78.	23-Sep-09	8	16
79.	23-Sep-09	23	201
80.	23-Sep-09	24	314
81.	23-Sep-09	26	278
82.	23-Sep-09	27	262
83.	23-Sep-09	28	138
84.	23-Sep-09	29	100
85.	23-Sep-09	30	133
86.	23-Sep-09	31	245
87.	23-Sep-09	33	202
88.	23-Sep-09	35	327
89.	23-Sep-09	36	382
90.	23-Sep-09	39	478
91.	23-Sep-09	41	157
92.	23-Sep-09	42	112
93.	23-Sep-09	43	307
94.	23-Sep-09	44	438
95.	23-Sep-09	45	429
96.	23-Sep-09	46	369
97.	23-Sep-09	47	409
98.	23-Sep-09	48	260
99.	23-Sep-09	49	268
100.	23-Sep-09	50	382
101.	23-Sep-09	51	439
102.	23-Sep-09	52	382
103.	23-Sep-09	53	415
104.	23-Sep-09	54	178
105.	23-Sep-09	55	276
106.	23-Sep-09	56	436
107.	23-Sep-09	57	550
108.	23-Sep-09	58	542
109.	23-Sep-09	59	489
110.	23-Sep-09	60	571
111.	23-Sep-09	61	549
112.	23-Sep-09	62	521
113.	23-Sep-09	63	588
114.	23-Sep-09	64	480
115.	23-Sep-09	65	553
116.	23-Sep-09	66	559

117.	23-Sep-09	67	547
118.	23-Sep-09	68	540
119.	23-Sep-09	69	450
120.	23-Sep-09	70	305
121.	23-Sep-09	71	83
122.	23-Sep-09	72	90
123.	23-Sep-09	73	22
124.	23-Sep-09	76	100
125.	23-Sep-09	77	291
126.	23-Sep-09	78	443
127.	23-Sep-09	79	425
128.	23-Sep-09	80	272
129.	23-Sep-09	81	223
130.	23-Sep-09	82	219
131.	23-Sep-09	83	140
132.	23-Sep-09	84	137
133.	23-Sep-09	85	210
134.	23-Sep-09	86	181
135.	23-Sep-09	87	115
136.	23-Sep-09	88	109
137.	23-Sep-09	89	38
138.	23-Sep-09	90	49
139.	23-Sep-09	91	14
140.	23-Sep-09	95	5
141.	24-Sep-09	2	8
142.	24-Sep-09	3	24
143.	24-Sep-09	4	25
144.	24-Sep-09	7	13
145.	24-Sep-09	8	23
146.	24-Sep-09	9	37
147.	24-Sep-09	10	74
148.	24-Sep-09	11	105
149.	24-Sep-09	22	57
150.	24-Sep-09	23	86
151.	24-Sep-09	24	58
152.	24-Sep-09	26	43
153.	24-Sep-09	27	81
154.	24-Sep-09	30	81
155.	24-Sep-09	34	114
156.	24-Sep-09	35	158
157.	24-Sep-09	36	206

158.	24-Sep-09	38	371
159.	24-Sep-09	39	335
160.	24-Sep-09	41	147
161.	24-Sep-09	42	245
162.	24-Sep-09	43	283
163.	24-Sep-09	44	268
164.	24-Sep-09	45	308
165.	24-Sep-09	46	360
166.	24-Sep-09	47	376
167.	24-Sep-09	48	291
168.	24-Sep-09	49	158
169.	24-Sep-09	50	197
170.	24-Sep-09	51	189
171.	24-Sep-09	52	124
172.	24-Sep-09	53	178
173.	24-Sep-09	54	184
174.	24-Sep-09	55	253
175.	24-Sep-09	56	108
176.	24-Sep-09	57	177
177.	24-Sep-09	58	16
178.	24-Sep-09	59	112
179.	24-Sep-09	64	86
180.	24-Sep-09	65	272
181.	24-Sep-09	66	377
182.	24-Sep-09	67	424
183.	24-Sep-09	68	429
184.	24-Sep-09	69	464
185.	24-Sep-09	70	488
186.	24-Sep-09	71	441
187.	24-Sep-09	72	469
188.	24-Sep-09	74	573
189.	24-Sep-09	75	580
190.	24-Sep-09	76	715
191.	24-Sep-09	77	706
192.	24-Sep-09	78	527
193.	24-Sep-09	79	386
194.	24-Sep-09	80	287
195.	24-Sep-09	81	280
196.	24-Sep-09	82	443
197.	24-Sep-09	83	463
198.	24-Sep-09	84	412

199.	24-Sep-09	85	455
200.	24-Sep-09	86	249
201.	24-Sep-09	87	19
202.	24-Sep-09	90	125
203.	24-Sep-09	91	202
204.	24-Sep-09	92	251
205.	24-Sep-09	93	155
206.	24-Sep-09	94	103
207.	24-Sep-09	95	353
208.	24-Sep-09	96	320
209.	25-Sep-09	1	195
210.	25-Sep-09	2	99
211.	25-Sep-09	3	58
212.	25-Sep-09	4	37
213.	25-Sep-09	5	121
214.	25-Sep-09	6	180
215.	25-Sep-09	7	225
216.	25-Sep-09	8	200
217.	25-Sep-09	9	170
218.	25-Sep-09	10	198
219.	25-Sep-09	11	191
220.	25-Sep-09	12	53
221.	25-Sep-09	13	88
222.	25-Sep-09	14	11
223.	25-Sep-09	17	31
224.	25-Sep-09	18	49
225.	25-Sep-09	19	60
226.	25-Sep-09	20	91
227.	25-Sep-09	21	130
228.	25-Sep-09	22	117
229.	25-Sep-09	23	161
230.	25-Sep-09	24	228
231.	25-Sep-09	26	433
232.	25-Sep-09	27	384
233.	25-Sep-09	28	96
234.	25-Sep-09	29	12
235.	25-Sep-09	30	6
236.	25-Sep-09	31	6
237.	25-Sep-09	32	296
238.	25-Sep-09	33	314
239.	25-Sep-09	34	457

240.	25-Sep-09	35	529
241.	25-Sep-09	36	529
242.	25-Sep-09	37	483
243.	25-Sep-09	38	417
244.	25-Sep-09	39	437
245.	25-Sep-09	40	497
246.	25-Sep-09	41	267
247.	25-Sep-09	42	358
248.	25-Sep-09	43	381
249.	25-Sep-09	44	385
250.	25-Sep-09	45	491
251.	25-Sep-09	46	515
252.	25-Sep-09	47	546
253.	25-Sep-09	48	390
254.	25-Sep-09	49	388
255.	25-Sep-09	50	336
256.	25-Sep-09	51	369
257.	25-Sep-09	52	502
258.	25-Sep-09	53	552
259.	25-Sep-09	54	566
260.	25-Sep-09	55	436
261.	25-Sep-09	56	380
262.	25-Sep-09	57	359
263.	25-Sep-09	58	301
264.	25-Sep-09	59	303
265.	25-Sep-09	60	293
266.	25-Sep-09	61	346
267.	25-Sep-09	62	346
268.	25-Sep-09	63	360
269.	25-Sep-09	64	435
270.	25-Sep-09	65	533
271.	25-Sep-09	66	604
272.	25-Sep-09	67	513
273.	25-Sep-09	68	484
274.	25-Sep-09	70	373
275.	25-Sep-09	71	339
276.	25-Sep-09	72	342
277.	25-Sep-09	73	406
278.	25-Sep-09	74	263
279.	25-Sep-09	75	229
280.	25-Sep-09	78	358

281.	25-Sep-09	79	376
282.	25-Sep-09	80	428
283.	25-Sep-09	81	320
284.	25-Sep-09	82	259
285.	25-Sep-09	83	195
286.	25-Sep-09	84	158
287.	25-Sep-09	85	78
288.	25-Sep-09	86	90
289.	25-Sep-09	87	99
290.	25-Sep-09	88	58
291.	25-Sep-09	89	166
292.	25-Sep-09	90	245
293.	25-Sep-09	91	252
294.	25-Sep-09	92	350
295.	25-Sep-09	93	432
296.	25-Sep-09	94	419
297.	25-Sep-09	95	357
298.	25-Sep-09	96	302
299.	26-Sep-09	1	251
300.	26-Sep-09	2	358
301.	26-Sep-09	3	470
302.	26-Sep-09	4	435
303.	26-Sep-09	5	441
304.	26-Sep-09	6	358
305.	26-Sep-09	7	373
306.	26-Sep-09	8	301
307.	26-Sep-09	9	247
308.	26-Sep-09	10	203
309.	26-Sep-09	11	108
310.	26-Sep-09	12	29
311.	26-Sep-09	13	37
312.	26-Sep-09	15	44
313.	26-Sep-09	16	174
314.	26-Sep-09	17	164
315.	26-Sep-09	18	168
316.	26-Sep-09	19	196
317.	26-Sep-09	20	173
318.	26-Sep-09	21	199
319.	26-Sep-09	22	287
320.	26-Sep-09	23	359
321.	26-Sep-09	24	281

322.	26-Sep-09	25	340
323.	26-Sep-09	26	307
324.	26-Sep-09	27	154
325.	26-Sep-09	28	164
326.	26-Sep-09	29	114
327.	26-Sep-09	30	208
328.	26-Sep-09	31	388
329.	26-Sep-09	32	473
330.	26-Sep-09	33	458
331.	26-Sep-09	34	480
332.	26-Sep-09	35	530
333.	26-Sep-09	36	621
334.	26-Sep-09	39	460
335.	26-Sep-09	40	486
336.	26-Sep-09	41	521
337.	26-Sep-09	42	476
338.	26-Sep-09	43	368
339.	26-Sep-09	44	304
340.	26-Sep-09	45	337
341.	26-Sep-09	46	319
342.	26-Sep-09	47	278
343.	26-Sep-09	48	282
344.	26-Sep-09	49	160
345.	26-Sep-09	50	169
346.	26-Sep-09	51	116
347.	26-Sep-09	52	149
348.	26-Sep-09	53	267
349.	26-Sep-09	54	353
350.	26-Sep-09	55	414
351.	26-Sep-09	56	476
352.	26-Sep-09	58	329
353.	26-Sep-09	59	377
354.	26-Sep-09	60	372
355.	26-Sep-09	62	484
356.	26-Sep-09	63	534
357.	26-Sep-09	64	488
358.	26-Sep-09	66	383
359.	26-Sep-09	67	327
360.	26-Sep-09	69	416
361.	26-Sep-09	70	333
362.	26-Sep-09	71	325

363.	26-Sep-09	72	269
364.	26-Sep-09	73	218
365.	26-Sep-09	74	106
366.	26-Sep-09	75	207
367.	26-Sep-09	76	390
368.	26-Sep-09	77	390
369.	26-Sep-09	78	238
370.	26-Sep-09	86	39
371.	26-Sep-09	87	6
372.	26-Sep-09	94	4
373.	27-Sep-09	1	110
374.	27-Sep-09	2	146
375.	27-Sep-09	3	151
376.	27-Sep-09	4	188
377.	27-Sep-09	5	188
378.	27-Sep-09	6	115
379.	27-Sep-09	7	99
380.	27-Sep-09	8	113
381.	27-Sep-09	9	166
382.	27-Sep-09	10	130
383.	27-Sep-09	11	121
384.	27-Sep-09	12	126
385.	27-Sep-09	13	125
386.	27-Sep-09	14	50
387.	27-Sep-09	16	20
388.	27-Sep-09	18	22
389.	27-Sep-09	19	36
390.	27-Sep-09	20	94
391.	27-Sep-09	21	124
392.	27-Sep-09	22	203
393.	27-Sep-09	23	251
394.	27-Sep-09	24	312
395.	27-Sep-09	27	499
396.	27-Sep-09	28	462
397.	27-Sep-09	29	466
398.	27-Sep-09	30	462
399.	27-Sep-09	32	343
400.	27-Sep-09	33	307
401.	27-Sep-09	34	354
402.	27-Sep-09	35	305
403.	27-Sep-09	36	360

404.	27-Sep-09	37	504
405.	27-Sep-09	38	540
406.	27-Sep-09	39	420
407.	27-Sep-09	40	386
408.	27-Sep-09	41	560
409.	27-Sep-09	42	207
410.	27-Sep-09	43	187
411.	27-Sep-09	44	106
412.	27-Sep-09	45	48
413.	27-Sep-09	46	24
414.	27-Sep-09	47	107
415.	27-Sep-09	48	164
416.	27-Sep-09	49	94
417.	27-Sep-09	52	86
418.	27-Sep-09	53	155
419.	27-Sep-09	54	204
420.	27-Sep-09	55	182
421.	27-Sep-09	56	222
422.	27-Sep-09	57	252
423.	27-Sep-09	58	336
424.	27-Sep-09	59	303
425.	27-Sep-09	60	290
426.	27-Sep-09	95	26
427.	27-Sep-09	96	41

Details of over-drawals in excess of 3% of the schedule over a day for all time block when frequency was below 49.5 Hz in Western Region for the period 21.9.2009 to 27.9.2009

(Average MW)

S.No	Date	Daily Overdrawal
1	22.Sep.09	295
2	23.Sep.09	382
3	24.Sep.09	340
4	25.Sep.09	437
5	26.Sep.09	389
6	27.Sep.09	324