

1		2	3
<b>Peak</b>			
Peak Demand	(MW)	5942	5942
Peak Met	(MW)	5642	5642
Shortage	(MW)	300	300
	(%)	5.0	5.0

The figures are provisional

NCR comprises of States of Delhi and some areas of States of Uttar Pradesh, Haryana and Rajasthan. The Power Supply Position of NCR is not being monitored separately in CEA.

(b) For the year 2012-13, against an estimated coal requirement of 476 Million Tonne (MT) from domestic sources, availability of coal was indicated as 407 MT, thereby resulting is an anticipated shortfall of 69 MT coal. In order to bridge this gap, Power Utilities were assigned a target to import 46 MT (equivalent to 69 MT of domestic coal due to its higher calorific value) of coal during the year 2012-13 for blending with the domestic coal.

In order to overcome the shortage of coal (i) Coal India Limited (CIL) is being persistently impressed for expediting signing of Fuel Supply Agreements (FSAs) with trigger value of 80% for levy of disincentive for short supply and (ii) Power Utilities are being impressed for expediting import of coal to meet the shortfall in demand and domestic availability of coal.

#### Fall in grid frequency

1686. SHRI T.M. SELVAGANAPATHI: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that in June this year the frequency on certain days went below 49.5 Hz for 70 per cent of the day;

(b) whether it is also a fact that on several days the instantaneous frequency went below 48.8 Hz which is the first stage of the safety net in terms of Under Frequency Relays (UFR) settings;

(c) whether during June this year, overdrawing of power by Uttar Pradesh was as high as 43.32 MU per day and for Haryana and Punjab the overdrawing touched 27.83 MU and 18.33 MU per day respectively; and

(d) if so, the corrective steps taken in this regard?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL): (a) Yes, Sir. Details of frequency profile of the NEW grid during June, 2012 is given in the Statement-I (*See below*).

(b) Yes, Sir. On certain days the instantaneous frequency touched 48.8 Hz.

(c) The details of Overdrawal of power by the Uttar Pradesh, Haryana and Punjab during June, 2012 are given in the Statement-II (*See below*).

(d) The following of actions were taken by NRLDC in line with the Electricity Act 2003 and the Indian Electricity Grid Code (IEGC) for supervision and control over ISTS and for controlling Overdrawal:

- Verbal and written communication to SLDC control room in real-time.
- Gave directions to STU/SLDCs under section 29 of the Electricity Act 2003 and various provisions of the IEGC.
- Written to the head of STUs/SLDCs to intervene so that the Overdrawal by the states is controlled.
- Regularly brought the status of the Overdrawal from the Grid in Operational Coordination Committee (OCC) meetings and the Northern Regional Power Committee meetings.
- Filed petitions before the CERC for violation of the Indian Electricity Grid Code (IEGC) and directions of the RLDCs in line with clause 1.5 of the IEGC.

Section 142 has been invoked by CERC

***Statement-I***

*The frequency profile of the NEW grid during the period 1st June to 30th June 2012 is given in the table below. It may be seen that the frequency on certain days the frequency remained below 49.5 Hz for as high as 70 % of time in the day. On several days the instantaneous frequency touched 48.8 Hz.*

Percentage of Time Frequency		
Date	<49.50 Hz	<48.8Hz
1	2	3
1-Jun-12	21	0
2-Jun-12	13	0
3-Jun-12	1	0
4-Jun-12	6	0

1	2	3
5-Jun-12	13	0
6-Jun-12	4	0
7-Jun-12	25	0
8-Jun-12	39	0
9-Jun-12	27	0.01
10-Jun-12	28	0.01
11-Jun-12	52	0
12-Jun-12	71	0
13-Jun-12	47	0
14-Jun-12	28	0
15-Jun-12	14	0
16-Jun-12	8	0
17-Jun-12	2	0
18-Jun-12	2	0
19-Jun-12	8	0
20-Jun-12	3	0
21-Jun-12	16	0
22-Jun-12	28	0
23-Jun-12	13	0
24-Jun-12	3	0
25-Jun-12	5	0
26-Jun-12	15	0
27-Jun-12	17	0
28-Jun-12	21	0
29-Jun-12	41	0
30-Jun-12	46	0
Maximum	71	0
Minimum	1	0
Average	21	0

**Statement-II***Overdrawal (+)/Under drawal (-) in Million Units in June, 2012*

	Uttar Pradesh	Haryana	Punjab	Rajasthan	Uttarakhand	Himachal Pradesh	UT Chandigarh	J&K	Delhi
01-06-2012	29.50	22.21	4.41	-2.70	0.31	-4.02	0.01	-3.12	-10.11
02-06-2012	31.33	7.87	8.18	8.13	1.51	-1.93	-0.23	-1.67	-7.90
03-06-2012	20.92	7.98	11.07	-4.92	0.41	-1.81	-0.50	-0.98	-10.27
04-06-2012	19.68	9.25	7.49	-6.53	0.36	-1.23	-0.56	-4.91	-5.36
05-06-2012	14.49	9.47	1.45	-2.95	0.71	-1.46	-0.67	-3.04	-8.33
06-06-2012	25.09	2.59	-2.32	9.68	2.26	-0.54	-0.75	-2.79	-11.42
07-06-2012	29.09	10.50	4.01	6.03	3.69	2.37	-0.64	-3.76	-8.57
08-06-2012	29.49	6.45	3.19	11.24	2.95	3.53	0.32	1.42	-6.60
09-06-2012	38.65	6.58	6.15	6.96	4.29	5.00	-0.15	4.08	-8.14
10-06-2012	36.88	2.66	8.42	2.06	2.81	1.25	-1.26	1.53	-7.42
11-06-2012	26.78	-0.56	-4.33	4.52	0.94	0.34	-0.97	1.55	-7.02
12-06-2012	24.93	0.51	0.10	1.90	0.17	0.02	-0.69	1.91	-2.88
13-06-2012	24.84	5.21	3.46	11.25	2.22	-0.15	-0.40	1.59	-1.52
14-06-2012	18.37	5.25	8.00	3.53	1.58	1.87	-0.71	1.30	-1.65
15-06-2012	17.58	17.31	11.63	-2.95	1.06	-0.74	-0.58	2.40	-6.10

16-06-2012	21.74	27.00	14.49	4.59	0.56	-4.63	-0.70	1.83	-6.89	Written Answers to [27 August, 2012] Unstarred Questions
17-06-2012	25.51	27.83	18.33	8.53	-1.18	-4.75	-0.87	0.82	-8.90	
18-06-2012	27.78	23.22	15.46	3.22	-1.92	-4.18	-1.06	1.63	-6.79	
19-06-2012	18.05	16.63	13.15	-3.98	0.78	-0.05	-1.00	-0.01	-8.29	
20-06-2012	27.42	14.57	13.09	-3.93	1.20	0.17	-1.28	0.60	-9.93	
21-06-2012	29.08	10.34	17.20	1.93	2.01	0.39	-0.53	0.74	-5.94	
22-06-2012	32.22	7.01	7.01	8.89	2.03	-0.43	-0.45	0.23	-4.10	
23-06-2012	14.42	13.61	9.66	16.30	-0.30	-1.22	-0.72	-0.01	-6.53	
24-06-2012	20.58	14.73	1.06	8.05	-2.09	-3.23	-0.98	-1.72	-3.48	
25-06-2012	10.06	13.37	5.14	-2.94	-0.01	-2.88	-1.48	-1.40	-0.74	
26-06-2012	16.85	15.70	8.55	0.35	2.03	-0.46	-0.82	-0.03	-5.46	
27-06-2012	31.03	15.52	3.70	5.03	3.27	0.37	-0.83	1.37	-4.26	
28-06-2012	42.61	20.96	1.08	8.69	3.58	-0.13	-0.77	0.53	-7.35	
29-06-2012	40.81	8.13	1.77	6.22	2.42	0.38	-0.38	0.35	-10.49	
30-06-2012	43.32	6.58	2.04	2.62	2.38	-0.86	-0.67	-0.39	4.80	
Maximum	43.32	27.83	18.33	16.30	4.29	5.00	0.32	4.08	-0.74	
Minimum	10.06	-0.56	-4.33	-6.53	-2.09	-4.75	-1.48	-4.91	-11.42	
Average	26.30	11.62	6.75	3.63	1.33	-0.63	-0.68	0.00	-6.59	259