

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (02-सितम्बर-2013 से 08-सितम्बर-2013 तक)
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

रिपोर्टिंग तिथि:- 10/9/2013

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मेग्वा०)

क्षेत्र / दिनांक	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी	अधिकतम मांग आपूर्ति	अधिकतम कमी
	(मेग्वा०)	(मेग्वा०)	(मेग्वा०)	(मेग्वा०)	(मेग्वा०)	(मेग्वा०)	(मेग्वा०)	(मेग्वा०)	(मेग्वा०)	(मेग्वा०)	(मेग्वा०)	(मेग्वा०)
02-09-2013	40970	3524	36253	799	30879	1914	15350	0	1819	322	125271	6559
03-09-2013	40514	4329	36710	857	32465	880	15156	495	1872	217	126717	6778
04-09-2013	40376	4716	37019	1351	31791	909	15518	417	1852	291	126556	7684
05-09-2013	40383	4252	36564	955	32135	801	16083	468	1820	335	126985	6811
06-09-2013	40817	4930	36863	903	32205	1081	15881	513	1769	409	127535	7836
07-09-2013	39426	3203	37197	1312	30257	958	15675	200	1885	273	124440	5946
08-09-2013	39460	1955	35890	1019	28277	719	14840	0	1842	285	120309	3978

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०यू०)

क्षेत्र / तिथि	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वोत्तर क्षेत्र		कुल	
	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन	ऊर्जा आपूर्ति	पनबिजली उत्पादन
	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)	(मि०यू०)
02-09-2013	937	306	832	126	701	127	304	87	34	18	2807	663
03-09-2013	940	295	852	130	705	112	307	77	35	18	2839	632
04-09-2013	943	285	861	125	705	114	312	84	35	20	2855	628
05-09-2013	945	282	859	114	728	108	327	87	35	22	2893	613
06-09-2013	943	276	860	109	725	118	325	85	35	23	2888	610
07-09-2013	933	263	867	125	696	101	320	91	35	23	2850	604
08-09-2013	928	241	856	108	646	79	313	88	34	19	2777	534

3. आवृत्ति (प्रतिशत समय में)

तिथि	49.7-49.8		<49.7		49.7-50.2		>50.2		Average		FVI	
	न्यू यिड	दक्षिण यिड	न्यू यिड	दक्षिण यिड	न्यू यिड	दक्षिण यिड	न्यू यिड	दक्षिण यिड	न्यू यिड	दक्षिण यिड	न्यू यिड	दक्षिण यिड
02-09-2013	0.8	23.4	0.1	10.5	84.6	88.5	15.3	1.0	50.08	49.86	0.20	0.35
03-09-2013	5.4	30.6	2.0	6.5	90.0	91.3	8.0	2.2	50.01	49.87	0.21	0.36
04-09-2013	4.9	26.9	2.4	14.1	94.9	85.0	2.7	0.9	49.97	49.85	0.18	0.43
05-09-2013	1.7	16.5	1.3	18.5	94.7	78.0	4.0	3.5	50.01	49.87	0.14	0.49
06-09-2013	8.3	16.7	1.7	3.4	94.5	92.8	3.8	3.8	49.95	49.93	0.18	0.25
07-09-2013	4.2	11.6	3.6	6.6	94.5	90.8	1.9	2.6	49.88	49.94	0.30	0.26
08-09-2013	5.8	3.6	1.2	1.3	96.2	95.6	2.6	3.1	49.96	50.02	0.16	0.13

4. New Element Commissioned:-

Vandana Vidhyut Ltd unit no. 1 (135 MW) first time charged at 1207 hrs on 04.09.2013.

765 kV Meerut bay at Bhiwani first time charged at 1121 hrs on 05.09.2013.

10/9/2013
DGM (SO)
10/9

5. Maximum Demand Met during the day & Peak Hour Shortage in States (in MW)

Region	Date	02-09-2013		03-09-2013		04-09-2013		05-09-2013		06-09-2013		07-09-2013		08-09-2013	
	States	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage	Max. Demand Met during the day	Peak hr Shortage
NR	Punjab	8648	0	8436	0	8441	0	8466	0	8610	0	8381	0	8355	0
	Haryana	7403	402	7186	182	7176	387	7099	13	7151	0	6801	713	6798	0
	Rajasthan	7692	0	7705	362	7801	297	7901	0	7732	905	7681	265	8082	0
	Delhi	4691	0	4690	0	4574	42	4637	29	4644	0	4531	0	4251	0
	UP	9804	2867	9935	3610	10034	3740	10973	3925	11091	3775	11295	1830	10683	1780
	Uttarakhand	1500	155	1618	75	1525	150	1478	185	1468	150	1395	295	1424	75
	HP	1165	0	1210	0	1210	0	1231	0	1219	0	1251	0	1077	0
	J&K	1414	100	1415	100	1430	100	1350	100	1391	100	1416	100	1333	100
	Chandigarh	290	0	301	0	294	0	282	0	254	0	253	0	207	0
WR	Chhattisgarh	2869	26	2793	40	2913	45	2933	31	3017	32	2692	32	2739	197
	Gujarat	11453	55	11638	3	11703	141	11640	106	12036	71	11743	431	11400	70
	MP	6186	17	6350	51	6585	78	6497	45	6604	46	6811	46	6830	26
	Maharashtra	16376	696	16373	750	16596	1034	16732	762	16165	743	16448	792	16284	721
	Goa	404	1	418	3	358	39	405	3	414	3	360	3	320	1
	DD	258	1	267	2	267	3	275	2	248	2	260	2	271	1
	DNH	655	2	644	5	648	8	651	4	643	4	651	4	648	2
	Essar steel	359	1	361	3	357	4	310	2	293	2	271	2	294	1
SR	Andhra Pradesh	11082	200	11255	200	11144	300	11593	0	11664	275	11346	300	10665	200
	Karnataka	7254	300	6942	400	7116	400	7109	450	7338	450	7100	300	6260	300
	Kerala	3189	75	3055	75	3033	0	3097	150	3058	150	2946	150	2815	0
	Tamil Nadu	10741	1339	11657	205	11657	189	11655	201	11224	206	10910	208	9843	219
	Pondy	322	0	304	0	304	20	297	0	292	0	287	0	271	0
ER	Bihar	1998	0	1961	350	2005	400	1988	250	1907	300	1927	200	2022	200
	DVC	2548	0	2535	0	2536	0	2652	0	2663	0	2604	0	2469	0
	Jharkhand	868	0	1052	0	969	0	954	0	927	0	1085	0	960	0
	Odisha	3466	0	3487	120	3651	0	3703	200	3648	200	3730	0	3474	0
	West Bengal	6722	0	6738	25	6997	17	7189	18	6908	13	6787	0	6216	0
	Sikkim	89	0	86	0	89	0	89	0	83	0	86	0	79	0
NER	Arunachal Pradesh	98	2	90	5	92	3	93	2	92	3	93	2	103	2
	Assam	1128	184	1146	155	1126	182	1098	201	1135	198	1135	170	1137	141
	Manipur	111	4	107	8	110	5	110	5	95	10	100	5	102	3
	Meghalaya	227	0	225	2	244	1	254	11	245	20	278	1	247	3
	Mizoram	57	0	55	2	55	2	56	1	53	4	56	1	54	3
	Nagaland	100	0	100	3	97	3	95	5	89	6	99	1	94	6
	Tripura	188	37	180	42	183	40	193	23	182	40	175	49	174	50

6. Energy Consumption in States (MUs)

Region	States	02-09-2013	03-09-2013	04-09-2013	05-09-2013	06-09-2013	07-09-2013	08-09-2013
NR	Punjab	192.7	191.8	191.8	190.6	185.7	184.1	209.0
	Haryana	163.4	164.3	164.3	161.4	162.6	156.8	149.9
	Rajasthan	174.1	175.7	176.2	175.2	172.1	164.1	171.8
	Delhi	97.7	97.3	97.1	98.1	98.0	94.6	89.8
	UP	217.1	219.5	221.2	227.6	233.9	243.8	226.2
	Uttarakhand	32.6	32.5	31.5	32.5	32.5	30.4	27.6
	HP	24.2	25.3	25.7	25.4	24.7	24.9	22.9
	J&K	29.1	28.2	29.6	28.1	28.5	28.7	26.4
	Chandigarh	5.6	5.7	5.7	5.6	5.1	5.1	4.3
WR	Chhattisgarh	64.7	64.5	64.4	62.5	67.8	67.6	62.8
	Gujarat	258.9	264.7	267.4	267.1	269.6	266.1	261.9
	MP	118.6	125.8	129.5	131.2	133.3	136.6	141.9
	Maharashtra	352.0	358.9	361.9	361.2	353.5	362.0	354.8
	Goa	8.9	8.5	7.8	8.2	8.3	7.4	6.4
	DD	6.1	6.3	6.3	6.5	5.7	6.3	6.3
	DNH	15.3	15.4	15.4	15.4	15.3	15.4	15.4
	Essar steel	7.7	7.8	7.9	6.6	6.6	5.5	6.2
SR	Andhra Pradesh	255.4	254.8	255.5	260.5	262.9	257.1	240.0
	Karnataka	150.5	144.2	145.8	148.9	151.0	146.0	130.0
	Kerala	57.5	57.5	56.6	57.0	56.4	54.0	50.3
	Tamil Nadu	231.1	241.9	240.7	254.9	248.6	233.5	220.3
	Pondy	6.4	6.6	6.5	6.3	5.8	5.6	5.3
ER	Bihar	38.0	37.8	38.3	40.5	42.9	41.9	42.3
	DVC	56.7	56.1	55.8	55.3	58.8	57.6	55.2
	Jharkhand	19.0	19.0	19.7	20.3	20.2	19.7	19.0
	Odisha	67.3	66.6	69.7	72.6	71.1	73.5	70.7
	West Bengal	121.3	126.7	127.1	136.8	131.0	125.6	124.4
	Sikkim	1.1	1.1	1.2	1.2	1.1	1.4	1.2
NER	Arunachal Pradesh	1.2	1.3	1.2	1.2	1.3	1.2	1.2
	Assam	21.3	22.4	21.9	21.8	21.4	21.6	21.2
	Manipur	1.5	1.5	1.7	1.8	1.4	1.4	1.4
	Meghalaya	4.0	4.5	4.1	4.3	4.7	4.9	4.5
	Mizoram	1.0	1.1	1.1	1.1	1.1	1.1	1.0
	Nagaland	1.7	1.4	1.7	1.8	1.4	1.4	1.8
	Tripura	3.4	3.0	2.8	2.8	3.2	3.4	3.4

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (02-सितम्बर-2013 से 08-सितम्बर-2013 तक)
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

7. अंतर्क्षेत्रीय विनिमय

दिनांक	02-09-2013	03-09-2013	04-09-2013	05-09-2013	06-09-2013	07-09-2013	08-09-2013
East to North	-32.0	-37.9	-47.6	-46.5	-50.3	-58.2	-62.3
East to West	0.3	-4.1	-5.5	0.2	-15.0	-12.3	-26.4
East to South	-17.2	-19.3	-22.2	-22.0	-14.5	-14.1	-16.4
East to North-East	-4.7	-6.0	-2.1	-1.5	-0.4	0.1	-2.0
West to North	-2.8	-9.8	-16.3	-21.9	-21.0	-35.3	-36.3
West to South	-21.2	-22.0	-21.4	-22.1	-19.8	-18.1	-16.5

8). Major Grid Incidences(Provisional):-

Outage		Region	Name of Element	Owner / Agency	Event	Generation/Load Loss	Revival		Category as per CEA Grid Standards
Date	Time						Date	Time	
01.09.13	0105 hrs	NER	1.132KV Rangit-Rammam 2.132KV Siliguri-NJP-NBU 3.132KV Rammam-NBU 4.132KV Rangit-Melli 5.132KV Rangit-Gangtok 6.132KV Rangit- Gangtok 7.132KV Rangit-Kurseong-Siliguri 8.132KV Siliguri-Melli 9.132KV Melli-Chuzachen 10.132KV Gangtok-Chuzachen 11.Chuzachen Unit#1(U#2 was out of Bar) 12.Rangit Unit #1,2,3 13.Rammam Unit #1,2,3, & 4 14.220 KV Binaguri-Siliguri D/C 15.ICT 160 MVA & 100MVA at Siliguri	Sikkim/WB/Gati	Siliguri-NBU line tripped due to thunderstorm and lightening.	Gen. Loss= 150 MW Load Loss= 65 MW	01.08.13	0315 hrs	GD-I
03.09.13	1040 hrs	NER	1.132 KV Imphal(PG)- Imphal(S) D/C 2.132 KV Loktak- Ningthoukhong 3.132 KV Loktak-Imphal(PG) 4.Loktak HEP Units	Manipur/PG/NEEP CO	132 KV Imphal(PG)- Imphal(S) D/C & 132 KV Loktak- Ningthoukhong tripped on Earth Fault leading to tripping of Loktak Units on loss of evacuation path.	Gen Loss = 90 MW Load Loss= 35 MW	03.09.13	1119hrs	GD-I
04.09.13	1540 hrs	ER	1.220kV CB Ganj-Sitarganj ckt 2.220kV CB Ganj-Tanakpur ckt 3.220kV CB Ganj-Bareilly(UP) ckt 4.220kV Tanakpur-Sitarganj ckt 5.220kV Moradabad-Sitarganj 6.220kV Bareilly-Sahjahanpur 7.220/132kV ICT-1&2 at 220kV CB Ganj 8.400/220kV 315MVA ICT#1, #2 at 400kV Bareilly(UP) station 9.Tanakpur HEP	UP/PG/NHPC	Complete outage of 220kV CB Ganj Substation took place. B-phase Line side jumper of 220kV CB Ganj-Bareilly ckt got snapped.220kV Tanakpur HEP also tripped due to tripping of Both the evacuating line from 220kV Tanakpur HEP 400/220kV 315MVA ICT-1&2 tripped on Overflux and Overload.	Load Loss= 350 MW Gen.Loss= 44 MW	04.09.13	1730 hrs	GD-I
06.09.13	0206 hrs	WR	400 KV Jindal(Tamnar)-Raipur D/C Jindal Unit I,II,III & IV(250 MW each)	PG/Jindal	Reportedly 400 KV Jindal (Tamnar)-Raipur 1 line tripped with R phase Overcurrent and earth fault indication.An attempt was made to charge this line but 400 KV Jindal Raipur 2 line tripped from Raipur end. Since both the evacuating lines of-Jindal Power station had tripped, this resulted in tripping of all the units of Jindal power station.	Gen. Loss=800 MW	06.09.13	0734 hrs	GD-I
07.09.13	0948 hrs	ER	220 KV Hatia-Patratu-I & II 220 KV Patratu-Tenughat 132 KV Hatia (II)-Hatia (I) 132 KV Hatia(II)-Namkum 132 KV Hatia-Chandil Tenughat Unit-I & Patratu Unit 4 & 10	JSEB	Due to fault in 220 KV Hatia-Patratu-II all the elements mentioned in Column D tripped.	Gen. Loss=307 MW Load Loss=233 MW	07.09.13	1307 hrs	GD-I