

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

साप्ताहिक रिपोर्ट (16-सितम्बर-2013 से -22 सितम्बर-2013 तक)
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

रिपोर्टिंग तिथि:- 24/9/2013

1. अधिकतम मांग आपूर्ति और आधिकतम कमी (मे०वा०)

क्षेत्र / दिनांक	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वांतर क्षेत्र		कुल	
	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी	अधिकतम मांग आपूर्ति	आधिकतम कमी
	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)	(मे०वा०)
16-09-2013	38767	2355	37948	77	30009	487	15428	0	1899	278	124051	3197
17-09-2013	39571	2342	37908	85	28859	511	14752	0	1853	239	122943	3177
18-09-2013	41259	2008	35614	98	29787	495	14841	28	1935	244	123436	2873
19-09-2013	41601	2353	37819	153	30282	511	15530	504	1899	280	127131	3801
20-09-2013	40232	2030	35943	291	30154	188	15642	711	1903	267	123874	3487
21-09-2013	37210	2320	35830	104	29240	488	15651	618	1976	221	119906	3751
22-09-2013	37009	2340	33014	257	28639	448	15394	0	1890	244	115946	3289

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०घ०)

क्षेत्र / तिथि	उत्तरी क्षेत्र		पश्चिमी क्षेत्र		दक्षिणी क्षेत्र		पूर्वी क्षेत्र		पूर्वांतर 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
	(मि०घ०)	(मि०घ०)	(मि०घ०)	(मि०घ०)	(मि०घ०)	(मि०घ०)	(मि०घ०)	(मि०घ०)	(मि०घ०)	(मि०घ०)	(मि०घ०)	(मि०घ०)
16-09-2013	849	220	839	62	660	145	319	71	37	16	2704	514
17-09-2013	905	209	838	63	659	141	303	76	37	18	2742	507
18-09-2013	939	202	810	57	663	149	308	75	37	17	2756	499
19-09-2013	948	201	832	46	673	156	305	69	37	17	2795	489
20-09-2013	935	201	820	39	678	162	315	67	35	15	2783	484
21-09-2013	868	183	795	46	661	165	321	60	36	15	2681	469
22-09-2013	834	187	746	70	651	160	317	63	38	17	2586	498

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
16-09-2013	1.1	1.6	0.1	0.6	87.7	81.0	12.2	18.5	50.20	50.04	0.61	0.22
17-09-2013	1.7	1.5	0.7	0.1	90.5	78.8	8.8	21.0	50.13	50.07	0.37	0.38
18-09-2013	1.3	0.1	0.0	0.0	90.8	66.8	9.2	33.2	50.15	50.11	0.51	0.33
19-09-2013	4.5	0.6	1.6	0.5	90.1	69.0	8.3	30.6	50.11	50.05	0.34	0.17
20-09-2013	0.2	0.4	0.0	0.1	81.5	65.0	18.5	34.9	49.98	50.09	0.27	0.24
21-09-2013	0.5	1.0	0.0	0.1	80.6	71.5	19.4	28.3	50.04	50.11	0.21	0.26
22-09-2013	1.8	1.7	0.1	0.0	79.4	63.6	20.5	36.4	50.06	50.02	0.19	0.14

4. New Element Commissioned:-

400 kV Jamshedpur-Baripada first time charged at 2130 hrs on 16.09.2013.

63 MVAR Bus reactor-I at HVDC Bheramara B/B first time charged at 1158 hrs on 17.09.2013.

Yash Kumar
DGM (SO) 24/9/13

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

Region	Date	16-09-2013		17-09-2013		18-09-2013		19-09-2013		20-09-2013		21-09-2013		22-09-2013	
	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	6333	0	7368	0	7720	0	7840	0	7831	0	7843	0	7877	0
	Haryana	6688	30	6971	0	7119	42	7094	0	7052	0	6020	0	4981	0
	Rajasthan	7821	0	7903	0	8291	0	8396	0	8375	0	7780	0	7069	0
	Delhi	4461	0	4374	6	4430	0	4556	0	4435	0	3982	0	3953	5
	UP	10592	2000	11439	2005	11118	1580	11520	0	11266	1855	10626	2220	10585	2155
	Uttarakhand	1477	225	1419	155	1466	250	1506	0	1492	75	1612	0	1551	80
	HP	1028	0	1090	76	1166	37	1212	0	1229	0	1165	0	1104	0
	J&K	1485	100	1603	100	1520	100	1604	0	1814	100	1529	100	1566	100
	Chandigarh	226	0	228	0	237	0	254	0	262	0	223	0	203	0
WR	Chhattisgarh	2814	10	2703	10	2925	10	2890	0	2827	10	2695	10	2693	16
	Gujarat	12089	12	11924	20	11153	33	12446	0	12568	15	12536	0	10730	50
	MP	6993	0	6958	0	7155	0	7169	0	6423	0	6047	0	5835	12
	Maharashtra	15291	55	15267	55	13841	55	14478	0	14063	266	14202	94	13437	176
	Goa	375	0	348	0	362	0	378	0	352	0	429	0	350	1
	DD	266	0	247	0	257	0	268	0	239	0	265	0	236	0
	DNH	650	0	629	0	636	0	644	0	643	0	618	0	621	1
	Essar steel	299	0	369	0	314	0	274	0	276	0	247	0	223	0
SR	Andhra Pradesh	10639	0	10312	0	10079	0	10561	0	10363	0	10229	0	10292	0
	Karnataka	6451	300	6415	300	6436	300	6347	0	6394	0	6234	300	5695	250
	Kerala	2574	0	2648	0	2897	0	2997	0	3041	0	2999	0	2975	0
	Tamil Nadu	11339	187	10963	211	11457	195	11504	0	11931	188	11931	188	10888	198
	Pondy	306	0	306	0	310	0	318	0	298	0	306	0	281	0
ER	Bihar	1930	0	2069	0	1867	0	1803	0	1856	600	1986	400	1860	400
	DVC	2636	80	2301	0	2467	0	2455	0	2584	95	2608	0	2685	0
	Jharkhand	1052	0	848	0	835	0	969	0	1037	0	1078	0	1014	0
	Odisha	3604	0	3520	0	3456	0	3673	0	3693	0	3620	200	3746	200
	West Bengal	6638	30	6235	0	6464	28	6909	0	6853	16	6813	18	6550	20
	Sikkim	79	0	73	0	75	0	72	0	93	0	95	0	89	0
NER	Arunachal Pradesh	92	3	98	2	95	5	92	0	99	1	100	2	99	1
	Assam	1171	142	1095	167	1167	152	1195	0	1165	154	1211	114	1158	118
	Manipur	114	1	114	1	99	16	113	0	112	3	108	2	106	2
	Meghalaya	244	15	218	1	239	14	217	0	238	6	251	7	247	11
	Mizoram	57	6	62	1	61	2	59	0	62	3	52	8	53	2
	Nagaland	92	3	100	2	95	7	89	0	85	3	98	2	93	2
	Tripura	198	27	217	1	195	23	215	0	185	40	210	16	182	43

6. Energy Consumption in States (MUs)

Region	States	16-09-2013	17-09-2013	18-09-2013	19-09-2013	20-09-2013	21-09-2013	22-09-2013
NR	Punjab	112.1	155.3	168.9	170.8	168.7	176.8	176.1
	Haryana	150.1	151.8	160.5	158.2	161.2	119.1	105.0
	Rajasthan	170.8	175.3	181.7	188.1	181.4	167.2	152.9
	Delhi	96.8	93.9	94.7	96.8	95.5	83.7	78.8
	UP	237.4	242.2	245.9	242.4	234.9	229.1	232.5
	Uttarakhand	30.8	30.9	30.8	31.4	31.4	32.6	30.8
	HP	17.4	21.3	22.5	24.5	24.3	23.8	22.7
	J&K	29.2	29.6	29.3	30.8	32.0	31.2	31.3
	Chandigarh	4.2	4.6	4.8	5.1	5.1	4.4	3.8
WR	Chhattisgarh	66.5	66.9	64.3	66.0	60.9	61.8	61.4
	Gujarat	268.4	269.2	256.3	277.2	285.8	280.4	241.6
	MP	147.3	145.6	150.1	149.5	136.2	119.2	119.7
	Maharashtra	322.6	321.6	303.9	303.8	303.0	299.7	291.0
	Goa	7.7	7.0	7.3	7.9	7.2	8.0	7.7
	DD	6.3	6.0	6.2	6.3	6.1	6.6	5.4
	DNH	14.5	14.7	15.2	15.4	15.3	14.2	14.7
	Essar steel	6.1	7.0	6.4	5.8	5.9	5.1	4.7
SR	Andhra Pradesh	243.5	237.5	234.9	239.5	236.0	228.8	231.3
	Karnataka	124.6	126.8	127.3	125.0	127.0	123.0	116.5
	Kerala	48.4	47.8	51.3	54.5	55.6	55.7	52.4
	Tamil Nadu	237.5	240.5	243.4	248.0	253.1	247.0	244.6
	Pondy	6.1	6.2	6.3	6.4	6.2	6.4	6.3
ER	Bihar	41.1	41.5	39.8	37.9	38.9	41.5	41.3
	DVC	56.8	52.9	53.3	55.3	56.2	56.5	57.4
	Jharkhand	19.7	19.2	17.9	17.7	18.8	20.2	19.7
	Odisha	72.6	70.5	72.1	70.2	69.8	70.6	71.8
	West Bengal	127.2	118.1	123.6	122.6	129.7	130.9	125.7
	Sikkim	1.1	1.0	1.3	1.3	1.3	1.2	1.1
NER	Arunachal Pradesh	1.4	1.4	1.4	1.5	1.2	1.4	1.3
	Assam	22.9	22.9	24.5	25.2	23.5	23.8	24.9
	Manipur	1.3	1.3	1.3	1.3	1.3	1.5	1.3
	Meghalaya	4.9	4.9	4.1	3.2	3.3	3.3	4.4
	Mizoram	0.9	0.9	1.0	1.0	1.0	1.1	1.0
	Nagaland	1.7	1.7	1.6	1.6	1.5	1.6	1.4
	Tripura	3.9	3.9	3.0	3.2	3.4	3.2	3.1

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

साप्ताहिक रिपोर्ट (16-सितम्बर-2013 से -22 सितम्बर-2013 तक)
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

7. अंतर्क्षेत्रीय विनिमय

दिनांक	16-09-2013	17-09-2013	18-09-2013	19-09-2013	20-09-2013	21-09-2013	22-09-2013
East to North	-55.0	-68.1	-71.1	-72.2	-68.4	-63.8	-57.4
East to West	-9.5	-10.1	-12.3	-17.1	-20.5	-15.3	-7.3
East to South	-7.3	-11.9	-7.6	-7.9	5.5	11.5	0.9
East to North-East	-4.8	-4.7	-5.7	-7.5	-5.5	-5.9	-4.2
West to North	-32.1	-46.2	-54.5	-45.3	-42.4	-50.2	-44.2
West to South	-15.5	-9.1	-11.2	-12.5	-16.2	-16.3	-12.9

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	
16.09.13	0834 hrs	NR	1) 220KV Samaypur-Palwal D/C 2) 220KV Samaypur-FGPP D/C 3)220KV Samaypur- Charkhi Dadri 4)220KV Samaypur-Palli D/C 4)220KV Samaypur-Badshahpur D/C 5)220KV Samaypur-Ballahgarh(BBMB) T/C 6) 400/220 KV ICT- I,II,III & IV at Ballahgarh	PG/BBMB	All lines at 220kv Samaypur S/S of BBMB tripped due to Blasting of R-Phase CT of Bus sectionaliser at Samaypur. All 4 ICTs of Ballahgarh also tripped at 220kv sides.	Load Loss= 350 MW	16.09.13	1030 hrs	GD-I
16.09.13	1313 hrs	ER	1) 400 KV Teesta-Binaguri D/C 2) Teesta Stage-V, Unit-I,II & III(170 MW each)	PG/NHPC	Due to tripping of 400 KV Teesta-Binaguri D/C,all units of Teesta HEP Stage-V tripped.	Gen. Loss=500 MW	16.09.13	1357 hrs	GD-I
17.09.13	1716 hrs	ER	1)220 KV Hatia-Patratu-I & II 2)132 KV Hatia(II) -HEC 3)132 KV Hatia(II)-Namkum 4)132 KV Hatia(I)-Chandil 5) 132 KV Chandil-Adityapur 6)220 KV Chandil-Adityapur 7)220 KV Chandil-Ranchi 8)220 KV Chandil-STPS 9)132 KV Rajkharswan-Adityapur 10)Tenughat Unit-I & Patratu Unit 4 & 10	JSEB	Due to fault in 220 KV Ranchi-Chandil line, elements given in Column D tripped.	Gen. Loss=315 MW Load Loss=190 MW	17.09.13	1755 hrs	GD-I
18.09.13	0712 hrs	WR	1) NASIK UNIT-3,4,5 (210 MW Each) 2) NASIK ICT1,2,3,4,5,6 (220/132 KV) 3) 220 KV NASIK –NAVSARI-I & II 4)220 KV NASIK-GHATGARH 5) 220KV NASIK-KALWA 6) 220 KV NASIK-PADGHE 7) 220 KV NASIK-RAYMOND	MSEB	220 KV Bus section-I got tripped due to bursting of R-Ph CT of bus sectionizer CB Thereby tripping bus section-I, II AND III along with Unit 3,4 &5 and all 220 KV lines except 220 KV Nasik-Bableswhar I & II.	Gen. Loss=400 MW Load Loss=300 MW	18.09.13	0808 hrs	GD-I
18.09.13	1421 hrs	ER	1)220 KV Chandil-Ramchandrapur 2)220 KV Chandil-Santaldih 3) 132 KV Chandil-Adityapur 4)132 KV Rajkharswan-Chandil 5)150 MVA ICT-I & II at Ramchandrapur	JSEB	Due to conductor snapping in 132 KV Chandil-Adityapur,elements given in Column D tripped.	Gen. Loss=96 MW Load Loss=10 MW	18.09.13	1454 hrs	GD-I
18.09.13	0148 hrs	NR	Barsingsar TPS-I & II(100 MW each)	Rajasthan	Due to IBT problem both the running units of barsingsar tripped.	Gen. Loss=200 MW	18.09.13	0310 hrs	GD-I
18.09.13	0158 hrs	NER	1)132KV Aizwal- Jiribam 2)132KV Aizwal- Kumarghat 3)132KV Aizwal- Kolasib. 4)132KV Aizwal- Zemabawk-I 5)132KV Aizwal-Zemabawk-II	Mizoram	Due to heavy sparking in Jiribam bay line isolator at Aizwal, elements given in Column D tripped.	Load loss=25 MW	18.09.13	0245 hrs	GD-I
19.09.13	0925 hrs	NER	132 KV Imphal(Manipur)-Imphal(PG)	Manipur/PG	Due to tripping of 132 KV Imphal(Manipur)-Imphal(PG) on E/F load loss occurred in Manipur.	Load loss=50 MW	19.09.13	1016 hrs	GD-I
19.09.13	0248 hrs	NER	1)132KV Aizwal- Jiribam 2)132KV Aizwal- Kumarghat 3)132KV Aizwal- Kolasib. 4)132KV Aizwal- Zemabawk-I 5)132KV Aizwal-Zemabawk-II	Mizoram	All lines connected to 132 KV Aizwal S/S tripped leading to load loss in Mizoram.	Load loss=25 MW	19.09.13	0339 hrs	GD-I
21.09.13	1555 hrs	ER	1) 220 KV CHPC-Birpara-I 2)220 KV CHPC-Malbase 3)CHPC Unit-I,II,III & IV(84 MW each)	NHPC/PG	While charging of 220 KV CHPC-Birpara-II, other lines tripped on SOTF alongwith running units of Chukha.	Gen. Loss=320 MW	21.09.13	1804 hrs	GD-I
22.09.13	1048 hrs	ER	1) 220 KV CHPC-Birpara-I 2)220 KV CHPC-Malbase 3)CHPC Unit-I,II,III & IV(84 MW each)	NHPC/PG		Gen. Loss=190 MW	22.09.13	1105 hrs	GD-I