

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पॉवरसिस्ट की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 27.09.2015
Date of Reporting : 28.09.2015

I. Regional Availability/Demand:

Demand Met	Evening Peak (20:00 Hrs) MW			Demand Met	Off Peak (03:00 Hrs) MW			Day Energy (Net MU)	
	Shortage	Requirement	Freq* (Hz)		Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
40957	932	41889	50.08	36061	2281	38342	50.07	895.0	62.07

* Half hourly (two 15 minutes block—one block each before and after the designated time) average frequency

II. A. State's Load Details (At States periphery) in MUs:

State	State's Control Area Generation (Net MU)				Drawal Schedule (Net MU)	Actual Drawal (Net MU)	UI (Net MU)	Consumption (Net MU)	Shortages* (MU)	UI (OD:(+ve), UD: (-ve))
	Thermal	Hydro	Renewable/others \$	Total						
Punjab	28.89	12.03		40.92	86.88	86.88	0.20	127.80	0.00	
Haryana	18.69	0.79		19.48	117.18	116.35	-0.84	135.82	0.00	
Rajasthan	123.21	0.10	9.89	133.21	52.53	52.89	0.36	186.10	0.00	
Delhi	14.55			14.55	72.19	71.56	-0.64	86.11	0.01	
UP	127.39	15.10		142.49	122.56	122.76	0.20	265.25	53.76	
Uttarakhand		19.18		19.18	13.55	15.34	1.79	34.52	0.00	
HP		14.22		14.22	7.25	7.25	0.00	21.47	0.00	
J & K		15.48	0.00	15.48	19.40	18.39	-1.02	33.87	8.30	
Chandigarh				0.00	4.17	4.03	0.27	4.03	0.00	
Total	312.74	76.89	9.89	399.53	495.52	495.43	0.32	894.96	62.07	

* Shortage furnished by the respective constituent. \$ Others include UP Co-generation and JK Diesel

II. B. State's Demand Met in MWs:

State	Evening Peak (20:00 Hrs) MW				Off Peak (03:00 Hrs) MW				# Max(hourly) Demand Met of Day (MW)	UI (OA/PX (OD/Import: (+ve), UD/Export: (-ve))
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction		
Punjab	5927	0	11	568	5318	0	209	638	5927	
Haryana	6949	0	5	1839	4981	0	-281	1074	6949	
Rajasthan	7893	0	229	131	7923	0	-117	-155	8710	
Delhi	3864	0	80	214	3738	0	131	130	4216	
UP	11554	480	-234	176	10779	2100	-116	412	12395	
Uttarakhand	1644	0	81	-130	1361	0	105	-28	1668	
HP	1111	0	-13	-932	789	0	6	-507	1182	
J&K	1808	452	28	-338	1024	181	-256	-462	1844	
Chandigarh	206	0	-23	-25	150	0	7	-20	206	
Total	40957	932	164	1503	36061	2281	-312	1082	40957	

* STOA figures are at sellers boundary & PX figures are at regional boundary. # figures may not be at simultaneous hour.

Diversity is 1.05

III. Regional Entities :

Station/ Constituent	Inst. Capacity (Effective) MW	Declared Capacity(MW)	Peak MW (Gross)	Off Peak MW (Gross)	Energy (Net MU)	Average Sentout(MW)	Schedule Net MU	UI (OG:(+ve), UG: (-ve))	
								Net MU	Net MU
A. NTPC									
Singrauli STPS (5*200+2*500)	2000	1875	2021	2032	45.13	1880	44.59	0.54	
Rihand I STPS (2*500)	1000	839	900	901	19.89	829	19.90	-0.01	
Rihand II STPS (2*500)	1000	943	919	1020	22.16	923	21.94	0.22	
Rihand III STPS (2*500)	1000	480	468	508	11.14	464	11.29	-0.15	
Dadri I STPS (4*210)	840	800	342	410	7.91	329	8.32	-0.42	
Dadri II STPS (2*490)	980	970	748	790	17.08	712	18.37	-1.28	
Unchahar I TPS (2*210)	420	200	176	204	4.06	169	4.66	-0.60	
Unchahar II TPS (2*210)	420	400	291	387	8.27	345	9.06	-0.79	
Unchahar III TPS (1*220)	210	200	147	188	3.99	166	4.49	-0.49	
ISTPP (Jhajjar) (3*500)	1500	1436	637	641	14.30	596	14.48	-0.18	
Dadri GPS (4*130.19+2*154.51)	830	800	337	299	7.40	308	7.69	-0.29	
Anta GPS (3*88.71+1*153.2)	419	397	227	197	5.14	214	5.70	-0.56	
Auraiya GPS (4*111.19+2*109.30)	663	635	0	0	0.00	0	0.00	0.00	
Dadri Solar	5	1	0	0	0.02	1	0.02	0.00	
Unchahar Solar	10	3	0	0	0.03	1	0.06	-0.03	
Singrauli Solar	15	3	0	0	0.06	2	0.08	-0.02	
KHEP	800	845	716	0	8.54	356	8.62	-0.08	
Sub Total (A)	12112	10827	7929	7577	175	7296	179	-4	
B. NPC									
NAPS (2*220)	440	380	414	424	7.59	316	9.12	-1.53	
RAPS- B (2*220)	440	191	212	213	4.48	187	4.58	-0.10	
RAPS- C (2*220)	440	390	434	437	9.38	391	9.36	0.02	
Sub Total (B)	1320	961	1060	1074	21.45	894	23.06	-1.62	
C. NHPC									
Chamera I HPS (3*180)	540	535	541	381	12.14	506	12.01	0.13	
Chamera II HPS (3*100)	300	300	306	0	4.32	180	4.27	0.05	
Chamera III HPS (3*77)	231	229	230	0	2.67	111	2.54	0.13	
Bairasuli HPS(3*60)	180	165	123	123	2.06	86	1.94	0.12	
Saikal-HPS (6*115)	690	431	550	380	10.41	434	10.41	0.00	
Tanakpur-HPS (3*40)	94	72	69	72	1.82	76	1.72	0.09	
Uri-I HPS (4*120)	480	451	92	474	10.99	458	10.79	0.20	
Uri-II HPS (4*60)	240	235	238	242	5.67	236	5.63	0.04	
Dhauliganga-HPS (4*70)	280	280	281	145	3.42	142	3.21	0.21	
Dulhasti-HPS (3*130)	390	386	399	399	9.37	390	9.26	0.11	
Sewa-II HPS (3*40)	120	119	130	130	3.08	128	2.86	0.22	
Parbati 3 (4*130)	520	260	130	0	1.53	64	1.50	0.03	
Sub Total (C)	4065	3463	3090	2345	67	2812	66	1	
D.SJVNL									
NJPC (6*250)	1500	1605	1596	309	20.71	863	20.49	0.22	
Rampur HEP (6*68.67)	412	432	447	82	5.92	247	5.67	0.24	
Sub Total (D)	1912	2037	2043	391	26.62	1109	26.16	0.46	
E. THDC									
Tehri HPS (4*250)	1000	1080	1091	0	7.58	316	7.50	0.08	
Koteshwar HPS (4*100)	400	92	103	92	2.22	93	2.20	0.02	
Sub Total (E)	1400	1172	1194	92	9.81	409	9.70	0.11	
F. BBMB									
Bhakra HPS (2*108+3*126+5*157)	1379	592	1053	347	14.36	598	14.20	0.16	
Dehar HPS (6*165)	990	450	825	330	11.02	459	10.79	0.23	
Pong HPS (6*66)	396	182	318	126	4.25	177	4.37	-0.12	
Sub Total (F)	2765	1223	2196	803	29.63	1234	29.36	0.27	
G. IPP(s)/JV(s)									
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	106	106	1.82	76	1.73	0.09	
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1000	290	11.25	469	11.06	0.19	
Malana Stg-II HPS (2*50)	100	0	100	25	0.77	32	0.77	0.00	
Shree Cement TPS (2*150)	300	0	295	297	7.03	293	7.06	-0.03	
Budhil HPS(IPP) (2*35)	70	0	76	0	0.67	28	0.68	-0.01	
Sub Total (G)	1662	0	1576	717	21.54	898	21.30	0.24	
H. Total Regional Entities (A-G)	25237	19683	19087	13000	351.64	14651	354.99	-3.35	

I. State Entities	Station	Effective Installed Capacity (MW)	Peak MW	Off Peak MW	Energy(MU)	Average(Sent out MW)
Punjab	Guru Gobind Singh TPS (Ropar) (6*210)	1260	170	170	3.84	160
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	90	90	2.03	85
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	365	410	8.46	353
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	708	698	14.57	607
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	Thermal (Total)	4700	1333	1368	28.89	1204
Total Hydro	1000	440	575	12.03	501	
Total Punjab	5700	1773	1943	40.92	1705	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	455	460	10.92	455
	Faridabad GPS (NTPC)	432	315	323	7.77	324
	RGTPP (khedar) (IPP) (2*600)	1200	0	0	0.00	0
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	0	0	0.00	0
	Thermal (Total)	4944	770	783	18.69	779
	Total Hydro	62	30	33	0.79	33
	Total Haryana	5006	800	816	19.48	812
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	834	776	19.17
suratgarh TPS (6*250)		1500	607	557	13.60	567
Chabra TPS (4*250)		1000	577	564	13.28	553
Dholpur GPS (3*110)		330	89	88	2.14	89
Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)		271	169	129	3.95	165
RAPS A (NPC) (1*100+1*200)		300	173	172	4.28	178
Barsingsar (NLC) (2*125)		250	189	191	4.41	184
Giral LTPS (2*125)		250	43	50	0.94	39
Rajwest LTPS (IPP) (8*135)		1080	558	847	18.55	773
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(2*600)		1200	729	668	17.25	719
Kawati(Adani) (2*660)		1320	865	907	25.66	1069
Thermal (Total)		8876	4833	4949	123	5134
Total Hydro		550	0	0	0.10	4
Wind power		3214	40	1020	9.10	379
Biomass		99	19	19	0.46	19
Solar		730	1	0	0.34	14
Renewable/Others (Total)		4043	60	1039	9.89	412
Total Rajasthan		13469	4893	5988	133.21	5550
UP		Anpara TPS (3*210+2*500)	1630	1562	751	23.50
	Obra TPS (2*50+2*94+5*200)	1194	455	449	10.50	438
	Paricha TPS (2*110+2*220+2*250)	1140	221	424	9.30	388
	Panki TPS (2*105)	210	50	54	1.30	54
	Haridwar TPS (1*60+1*105+2*250)	665	540	534	12.40	517
	Tanda TPS (NTPC) (4*110)	440	275	277	6.69	279
	Roza TPS (IPP) (4*300)	1200	1062	1103	25.90	1079
	Anpara-C (IPP) (2*600)	1200	1087	1086	25.70	1071
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	324	322	7.60	317
	Anpara-D(1*500)	500	280	0	3.30	138
	Lalitpur TPS(1*660)	660	0	0	0.00	0
	Thermal (Total)	9289	5856	5000	126	5258
	Vishnuparyag HPS (IPP)(4*110)	440	360	380	8.60	358
	Alakanada(4*82.5)	330	175	204	4.80	200
	Other Hydro	527	30	84	1.70	71
Cogeneration	981	50	50	1.20	50	
Total UP	11567	6471	5718	142	5937	
Uttarakhand	Total Hydro	1398	836	782	19.18	799
	Total Uttarakhand	1398	836	782	19.18	799
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.01	0
	Delhi Gas Turbine (6x30 + 3x34)	282	33	33	0.86	36
	Pragati Gas Turbine (2x104+ 1x122)	330	147	148	3.57	149
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	251	251	6.01	250
	Badarpur TPS (NTPC) (3*95+2*210)	705	187	217	4.13	172
	Thermal (Total)	2917	619	650	14.55	606
	Total Delhi	2917	619	650	14.55	606
HP	Baspa HPS (IPP) (3*100)	300	122	234	2.55	106
	Malana HPS (IPP) (2*43)	86	87	16	0.74	31
	Other Hydro	878	447	461	10.93	455
	Total HP	1264	656	711	14.22	592
J & K	Baglihar HPS (IPP) (3*150)	450	526	586	13.40	559
	Other Hydro/IPP	560	153	111	2.08	87
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	1200	679	697	15.48	645
Total State Control Area Generation		42521	16727	17305	399.53	16647
J. Net Inter Regional Exchange (Import (+ve)/Export (-ve))			6900	6512	163.55	6814
Total Regional Availability(Gross)		67758	42714	36816	914.71	38113

IV. Total Hydro Generation:

Regional Entities Hydro	12234	10444	4052	155.91	6496
State Control Area Hydro	6581	3206	3466	77	3204
Total Regional Hydro	18815	13650	7518	232.81	9700

V(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(20:00 Hrs)		Off Peak(03:00 Hrs)		Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	MW	MW	Import	Export	Import	Export	
Vindhychal(HVDC B/B)	0	0	0	0	0	0	0.00	0.00	0.00
765 KV Gwalior-Agra (D/C)	2040	2044	2565	0	46.24	0.00	46.24	0.00	46.24
400 KV Zerda-Kankrol	55	-134	67	172	0.00	1.32	-1.32	0.00	-1.32
400 KV Zerda-Bhinmal	99	-133	122	195	0.00	0.47	-0.47	0.00	-0.47
220 KV Auraiya-Malanpur	0	-45	0	58	0.00	0.55	-0.55	0.00	-0.55
220 KV Badod-Kota/Morak	24	-63	29	88	0.00	0.52	-0.52	0.00	-0.52
Mundra-Mohindergarh(HVDC Bipole)	1993	2497	2519	0	53.07	0.00	53.07	0.00	53.07
400 KV Vindhychal - Rihand	503	503	507	0	11.76	0.00	11.76	0.00	11.76
765 kV Phagi-Gwalior (D/C)	1015	745	1015	0	19.07	0.00	19.07	0.00	19.07
Sub Total WR	5729	5414			130.15	2.86	127.29		
Pusaali Bypass/HVDC	450	450	450	0	9.77	0.00	9.77	0.00	9.77
400 KV MZP- GKP (D/C)	202	230	520	0	8.88	0.00	8.88	0.00	8.88
400 KV Patna-Balia(D/C) X 2	72	37	156	0	2.32	0.00	2.32	0.00	2.32
400 KV B'Shanif-Balia (D/C)	-93	-100	48	164	0.00	0.90	-0.90	0.00	-0.90
765 KV Pusaali-Balia	-45	-151	0	151	0.00	1.07	-1.07	0.00	-1.07
765 KV Gaya-Fatehpur	205	224	304	0	5.37	0.00	5.37	0.00	5.37
220 KV Pusaali-Sahupuri	124	171	180	0	3.25	0.00	3.25	0.00	3.25
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-18	0	0	34	0.00	0.60	-0.60	0.00	-0.60
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	15	46	102	37	3.73	0.00	3.73	0.00	3.73
400 KV Barh -GKP (D/C)	259	191	287	0	5.51	0.00	5.51	0.00	5.51
Sub Total ER	1171	1098			38.83	2.57	36.25		
+/- 800 KV BiswanathChariali-Agra	0	0	0	0	0	0	0	0	0
Sub Total NER	0	0			0	0	0		0
Total IR Exch	6900	6512			168.97	5.43	163.55		

V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]

ER	ISGS/LT Schedule (MU)		Bilateral Schedule (MU)		Power Exchange Shdi (MU)		Wheeling (MU)	
	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR
27.57	3.85	31.42	16.15	6.72	-0.43	1.17	0.53	-0.53
Total IR Schedule (MU)								
47.66	108.45	156.11	36.25	127.29	163.55	-11.41	18.84	7.43
Total IR Actual (MU)								
Net IR UI (MU)								

V(C). Inter National Exchange with Nepal [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(20:00 Hrs)		Off Peak(03:00 Hrs)		Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	MW	MW	Import	Export	Import	Export	
132 KV Tanakpur - Mahendarnagar	0	0	0	0	0	0	0	0	0.00

VI. Frequency Profile <----- % of Time Frequency ----->

<49.2	<49.7	<49.8	<49.9	<50.0	49.9-50.05	50.05-50.10	50.10-50.20	>50.20	>50.50
0.00	0.00	0.25	10.75	58.85	72.35	10.39	5.80	0.72	0.00

<----- Frequency (Hz) ----->				Average Frequency	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX	MIN
Freq	Time	Freq	Time	Hz	(Hz)	(Hz)	(Hz)	(Hz)
50.24	6.01	49.77	0.19	49.99	0.053	0.072	50.23	49.95

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV
Rihand	400	402	03:30	396	22:22	0.0	0.0	0.0	0.0
Gorakhpur	400	414	17:18	394	23:05	0.0	0.0	0.0	0.0
Bareilly	400	413	16:07	384	11:51	0.0	0.0	0.0	0.0
Kanpur	400	418	03:59	397	23:05	0.0	0.0	0.0	0.0
Dadri	400	418	03:59	399	18:53	4.6	4.6	0.0	0.0
Ballabgarh	400	425	04:00	404	18:50	0.0	0.0	11.6	0.0
Bawana	400	425	04:01	403	18:52	0.0	0.0	9.2	0.0
Bassi	400	425	04:01	404	00:01	0.0	0.0	8.8	0.0
Hissar	400	422	04:01	396	18:53	0.0	0.0	0.4	0.0
Moga	400	422	03:59	400	18:52	0.0	0.0	0.7	0.0
Abdullapur	400	428	04:00	401	18:58	0.0	0.0	16.4	0.0
Nalagarh	400	430	04:00	407	18:55	0.0	0.0	20.0	0.0
Kishenpur	400	418	04:01	403	19:11	0.0	0.0	0.0	0.0
Wagoora	400	413	04:00	395	20:08	0.0	13.8	0.0	0.0
Amritsar	400	426	04:02	403	19:18	0.0	0.0	8.6	0.0
Kashipur	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Hamirpur	400	0	00:00	0	00:00	0.0	0.0	0.0	0.0
Rishikesh	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0

VIII. Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV
Fatehpur	765	774	04:02	737	23:07	0.0	3.5	0.0	0.0
Balia	765	771	07:04	738	23:04	0.0	5.5	0.0	0.0
Moga	765	807	04:02	765	18:55	0.0	0.0	4.7	0.0
Agra	765	793	17:59	760	23:03	0.0	0.0	0.0	0.0
Bhiwani	765	775	00:00	775	00:00	0.0	0.0	0.0	0.0
Unnao	765	762	04:01	724	23:05	2.1	26.1	0.0	0.0
Lucknow	765	769	17:06	735	23:07	0.0	20.2	0.0	0.0
Meerut	765	812	04:01	771	18:54	0.0	0.0	20.2	0.0
Jhatikara	765	808	04:02	771	18:51	0.0	0.0	6.7	0.0
Bareilly	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Anta	765	768	00:00	768	00:00	0.0	0.0	0.0	0.0
Phagi	765	795	04:02	763	00:00	0.0	0.0	0.0	0.0

IX. Reservoir Parameters:

Name of Reservoir	Parameters		Present Parameters		Last Year		Last day	
	FRL (m)	MDDL (m)	Level (m)	Energy (MU)	Level (m)	Energy (MU)	Inflow (m ³ /s)	Usage (m ³ /s)
Bhakra	513.59	445.62	511.82	1635.65	510.91	1590.18	467.57	395.95
Pong	426.72	384.05	421.21	946.20	416.65	743.22	183.86	242.82
Tehri	829.79	740.04	822.75	1060.35	823.40	1074.10	172.40	167.00
Koteshwar	612.50	598.50	610.30	4.69	609.68	4.40	167.00	146.41
Chamera-I	760.00	748.75	757.43	0.00	0.00	0.00	220.79	328.98
Rihand	268.22	252.98	0.00	0.00	0.00	0.00	0.00	0.00
RPS	352.80	343.81	1152.00	0.00	0.00	0.00	0.00	0.00
Jawahar Sagar	298.70	295.78	0.00	0.00	0.00	0.00	0.00	0.00
RSD	527.91	487.91	514.25	5.27	515.33	4.52	352.84	239.65

* NA: Not Available

X(A). Short-Term Open Access Details:

State	Off- Peak Hours (03:00 Hrs)			Peak Hours (20:00 Hrs)			Day Energy (MU)		
	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MU)	IEX / PXIL (MU)	Total (MU)
Punjab	285	353	0	283	284	0	6.84	7.94	14.78
Delhi	108	24	-2	431	-215	-2	6.58	-2.77	3.81
Haryana	1701	-628	0	1701	138	0	40.85	-2.74	38.11
HP	-439	-68	0	-388	-544	0	-9.73	-5.69	-15.41
J&K	-422	-40	0	-422	85	0	-10.13	1.30	-8.84
CHD	0	-20	0	0	-25	0	0.00	-0.33	-0.33
Rajasthan	-252	95	2	-390	519	2	-6.74	8.44	1.70
UP	412	0	0	176	0	0	4.51	0.00	4.51
Uttarakhand	-192	164	0	-200	70	0	-4.58	3.89	-0.69
Total	1202	-120	0	1191	313	0	27.60	10.04	37.64

X(B). Short-Term Open Access Details:

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	285	283	354	223	0	0
Delhi	480	79	230	-415	-2	-2
Haryana	1704	1700	164	-692	0	0
HP	-388	-439	-68	-602	0	0
J&K	-422	-422	134	-65	0	0
CHD	0	0	0	-35	0	0
Rajasthan	-252	-391	586	-312	2	2
UP	428	89	0	0	0	0
Uttarakhand	-178	-200	366	6	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 27.09.2015 :
Normal.

XIV. Synchronisation of new generating units :

XV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / substation :

XVI. Tripping of lines in pooling stations :

XVII. Complete generation loss in a generating station :