

पावर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिस्ट की पूर्ण व्यापकता प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 26.09.2015
Date of Reporting : 27.09.2015

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
42322	2041	44363	50.06	35495	2131	37626	50.05	910.1	57.92

* 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	24.02	12.64		36.67	91.03	91.38	0.35	128.05	0.00	
Haryana	19.69	0.80		20.48	117.90	118.89	0.99	139.37	0.00	
Rajasthan	110.33	0.10	23.43	133.85	53.41	52.91	-0.51	186.76	0.00	
Delhi	14.88			14.88	71.99	71.79	-0.20	86.67	0.09	
UP	121.44	16.20		137.64	128.41	129.06	0.65	266.70	48.40	
Uttarakhand		18.86		18.86	15.83	17.27	1.44	36.13	0.00	
HP		15.68		15.68	8.74	8.59	-0.15	24.27	0.24	
J & K		17.90	0.00	17.90	22.16	19.84	-2.32	37.74	9.20	
Chandigarh				0.00	4.45	4.46	0.27	4.46	0.00	
Total	290.36	82.16	23.43	395.94	513.93	514.20	0.53	910.14	57.92	

* 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 (OD/Import: (+ve), UD/Export: (-ve))
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction		
Punjab	6121	0	-85	487	4720	0	87	629	6121	
Haryana	7121	0	-220	1893	4840	0	213	1104	7121	
Rajasthan	8240	0	-119	130	7702	0	192	136	8476	
Delhi	3928	80	72	243	3569	1	70	81	4182	
UP	11765	1460	82	194	11130	1910	34	466	12202	
Uttarakhand	1778	0	38	153	1305	0	27	58	1788	
HP	1161	6	-139	-771	836	0	81	-741	1235	
J&K	1980	495	30	-203	1248	220	-227	-412	1980	
Chandigarh	228	0	2	-17	145	0	2	-30	231	
Total	42322	2041	-339	2110	35495	2131	479	1290	42322	

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

Diversity is 1.02

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	2055	2047	45.92	1913	44.99	0.93	
Rihand I STPS (2*500)	1000	857	857	905	20.31	846	20.39	-0.08	
Rihand II STPS (2*500)	1000	943	1013	1020	23.02	959	22.09	0.92	
Rihand III STPS (2*500)	1000	480	425	509	11.55	481	11.43	0.11	
Dadri I STPS (4*210)	840	800	330	409	7.70	321	8.03	-0.33	
Dadri II STPS (2*490)	980	970	798	797	17.37	724	18.49	-1.12	
Unchahar I TPS (2*210)	420	200	217	190	4.60	191	4.77	-0.17	
Unchahar II TPS (2*210)	420	400	402	409	8.97	374	9.13	-0.16	
Unchahar III TPS (1*220)	210	200	156	153	3.97	165	4.13	-0.16	
ISTPP (Jhajjar) (3*500)	1500	1436	628	634	14.88	620	15.24	-0.36	
Dadri GPS (4*130.19+2*154.51)	830	800	346	272	7.39	308	7.54	-0.15	
Anta GPS (3*88.71+1*153.2)	419	394	246	163	5.04	210	5.19	-0.15	
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	0.04	2	0.06	-0.02	
Singrauli Solar	15	3	0	0	0.07	3	0.08	-0.01	
KHEP	800	845	700	300	9.58	399	9.36	0.22	
Sub Total (A)	12112	10841	8171	7808	180	7517	181	-1	
B. NPC									
NAPS (2*220)	440	380	417	427	9.21	384	9.12	0.09	
RAPS- B (2*220)	440	219	212	217	4.47	186	4.54	-0.06	
RAPS- C (2*220)	440	390	434	435	9.33	389	9.36	-0.03	
Sub Total (B)	1320	959	1063	1079	23.01	959	23.02	-0.01	
C. NHPC									
Chamera I HPS (3*180)	540	534	544	541	13.05	544	12.81	0.24	
Chamera II HPS (3*100)	300	300	305	25	5.06	211	4.97	0.09	
Chamera III HPS (3*77)	231	229	233	0	3.17	132	3.00	0.17	
Bairasuli HPS(3*60)	180	179	122	62	2.29	95	2.07	0.21	
Saikal-HPS (6*115)	690	506	653	561	12.95	540	12.27	0.67	
Tanakpur-HPS (3*40)	94	73	71	78	1.91	80	1.75	0.16	
Uri-I HPS (4*120)	480	433	469	473	10.78	449	10.25	0.53	
Uri-II HPS (4*60)	240	232	243	242	5.53	230	5.60	-0.06	
Dhauliganga-HPS (4*70)	280	280	289	143	3.52	147	3.32	0.20	
Dulhasti-HPS (3*130)	390	386	400	397	9.38	391	9.26	0.12	
Sewa-II HPS (3*40)	120	119	130	130	3.10	129	2.86	0.24	
Parbati 3 (4*130)	520	252	142	0	1.41	59	1.40	0.01	
Sub Total (C)	4065	3523	3601	2651	72	3006	70	3	
D.SJVNL									
NJPC (6*250)	1500	1605	1607	308	20.60	858	20.08	0.51	
Rampur HEP (6*68.67)	412	432	447	81	5.87	244	5.56	0.30	
Sub Total (D)	1912	2037	2054	389	26.46	1103	25.64	0.82	
E. THDC									
Tehri HPS (4*250)	1000	1080	1080	0	9.19	383	9.00	0.19	
Koteshwar HPS (4*100)	400	92	101	91	2.24	93	2.20	0.04	
Sub Total (E)	1400	1172	1181	91	11.43	476	11.20	0.23	
F. BBMB									
Bhakra HPS (2*108+3*126+5*157)	1379	550	1044	334	13.31	554	13.19	0.11	
Dehar HPS (6*165)	990	473	660	560	11.17	465	11.35	-0.18	
Pong HPS (6*66)	396	207	318	126	5.02	209	4.96	0.06	
Sub Total (F)	2765	1229	2022	1020	29.49	1229	29.50	-0.01	
G. IPP(s)/JV(s)									
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	112	78	1.82	76	1.60	0.23	
KARCHAM W ANGT00 HPS(IPP) (4*250)	1000	0	900	450	10.92	455	10.59	0.33	
Malana Stg-II HPS (2*50)	100	0	102	30	0.86	36	0.84	0.02	
Shree Cement TPS (2*150)	300	0	298	296	7.07	295	7.06	0.01	
Budhil HPS(IPP) (2*35)	70	0	76	37	0.82	34	0.87	-0.05	
Sub Total (G)	1662	0	1488	891	21.48	895	20.95	0.53	
H. Total Regional Entities (A-G)	25237	19761	19580	13929	364.43	15185	360.83	3.61	

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	210	4.12	172	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	90	105	2.18	91	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	310	212	5.08	212	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	699	364	12.65	527	
	Talwandi Saboo (1*660)	660	0	0	0.00	0	
	Thermal (Total)	4700	1269	891	24.02	1001	
Total Hydro	1000	590	462	12.64	527		
Total Punjab	5700	1859	1353	36.67	1528		
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0	
	DCRTPP (Yamuna nagar) (2*300)	600	548	452	11.59	483	
	Faridabad GPS (NTPC)	432	373	317	8.10	337	
	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	921	769	19.69	820	
	Total Hydro	62	24	33	0.80	33	
	Total Haryana	5006	945	802	20.48	853	
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	801	786	18.93	789
suratgarh TPS (6*250)		1500	604	556	13.53	564	
Chabra TPS (4*250)		1000	560	356	11.76	490	
Dholpur GPS (3*110)		330	89	87	2.13	89	
Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)		271	141	67	2.69	112	
RAPS A (NPC) (1*100+1*200)		300	173	175	4.29	179	
Barsingar (NLC) (2*125)		250	189	188	4.42	184	
Giral LTPS (2*125)		250	0	50	0.49	20	
Rajwest LTPS (IPP) (8*135)		1080	855	523	17.37	724	
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0	
Kalisindh Thermal(2*600)		1200	745	228	13.34	556	
Kawai(Adani) (2*660)		1320	907	907	21.40	892	
Thermal (Total)		8876	5064	3923	110	4597	
Total Hydro		550	0	0	0.10	4	
Wind power		3214	518	1232	22.66	944	
Biomass		99	21	21	0.61	25	
Solar		730	0	0	0.15	6	
Renewable/Others (Total)		4043	539	1253	23.43	976	
Total Rajasthan		13469	5603	5176	133.85	5577	
UP		Anpara TPS (3*210+2*500)	1630	923	905	21.70	904
		Obra TPS (2*50+2*94+5*200)	1194	463	460	11.00	458
		Paricha TPS (2*110+2*220+2*250)	1140	467	457	10.70	446
		Panki TPS (2*105)	210	54	59	1.40	58
	Haridwar TPS (1*60+1*105+2*250)	665	547	538	12.90	538	
	Tanda TPS (NTPC) (4*110)	440	185	186	4.84	202	
	Roza TPS (IPP) (4*300)	1200	1107	1103	26.40	1100	
	Anpara-C (IPP) (2*600)	1200	1089	666	23.70	988	
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	322	322	7.60	317	
	Anpara-D(1*500)	500	0	0	0.00	0	
	Lalitpur TPS(1*660)	660	0	0	0.00	0	
	Thermal (Total)	9289	5157	4696	120	5010	
	Vishnuparyag HPS (IPP)(4*110)	440	415	385	9.20	383	
	Alakanada(4*82.5)	330	178	201	4.70	196	
	Other Hydro	527	86	81	2.30	96	
	Cogeneration	981	50	50	1.20	50	
	Total UP	11567	5886	5413	138	5735	
Uttarakhand	Total Hydro	1398	857	749	18.86	786	
	Total Uttarakhand	1398	857	749	18.86	786	
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1	
	Delhi Gas Turbine (6x30 + 3x34)	282	33	33	0.85	36	
	Pragati Gas Turbine (2x104+ 1x122)	330	44	149	3.19	133	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	252	250	6.00	250	
	Badarpur TPS (NTPC) (3*95+2*210)	705	228	224	4.85	202	
	Thermal (Total)	2917	558	657	14.88	620	
	Total Delhi	2917	558	657	14.88	620	
HP	Baspa HPS (IPP) (3*100)	300	89	168	3.59	150	
	Malana HPS (IPP) (2*43)	86	85	26	0.84	35	
	Other Hydro	878	499	484	11.24	468	
	Total HP	1264	673	678	15.68	653	
J & K	Baglihar HPS (IPP) (3*150)	450	586	732	15.82	659	
	Other Hydro/IPP	560	153	111	2.08	87	
	Gas/Diesel/Others	190	0	0	0.00	0	
	Total J & K	1200	739	843	17.90	746	
Total State Control Area Generation		42521	17120	15671	395.94	16498	
J. Net Inter Regional Exchange (Import +ve)/Export (-ve)			7211	7169	175.01	7292	
Total Regional Availability(Gross)		67758	43911	36768	935.39	38974	

IV. Total Hydro Generation:

Regional Entities Hydro	12234	10672	5009	162.71	6780
State Control Area Hydro	6581	3562	3432	82	3423
Total Regional Hydro	18815	14234	8441	244.87	10203

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)	2440	2057	2710	0	54.68	0.00	54.68	0.00	54.68
400 KV Zerda-Kankrol	-54	-84	0	229	0.00	2.02	-2.02	0.00	-2.02
400 KV Zerda-Bhinmal	-46	-91	33	207	0.00	1.69	-1.69	0.00	-1.69
220 KV Auraiya-Malanpur	-3	-35	0	37	0.00	0.42	-0.42	0.00	-0.42
220 KV Badoh-Kota/Morak	-11	-10	8	99	0.00	0.88	-0.88	0.00	-0.88
Mundra-Mohindergarh(HVDC Bipole)	2508	2208	2509	0	56.88	0.00	56.88	0.00	56.88
400 KV Vindhychal - Rihand	506	510	510	0	11.89	0.00	11.89	0.00	11.89
765 kV Phagi-Gwalior (D/C)	1114	1030	1137	0	24.19	0.00	24.19	0.00	24.19
Sub Total WR	6454	5585			147.64	5.01	142.63		
Pusaali Bypass/HVDC	450	450	450	0	9.77	0.00	9.77	0.00	9.77
400 KV MZP- GKP (D/C)	46	440	520	0	9.01	0.00	9.01	0.00	9.01
400 KV Patna-Balia(D/C) X 2	9	114	171	29	2.47	0.00	2.47	0.00	2.47
400 KV B'Shanif-Balia (D/C)	-155	-4	57	155	0.00	0.65	-0.65	0.00	-0.65
765 KV Pusaali-Balia	-103	-43	0	160	0.00	0.90	-0.90	0.00	-0.90
765 KV Gaya-Fatehpur	184	193	322	0	5.34	0.00	5.34	0.00	5.34
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	-26	-27	0	42	0.00	0.75	-0.75	0.00	-0.75
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-32	34	164	32	0.00	0.97	-0.97	0.00	-0.97
400 KV Barh -GKP (D/C)	260	256	300	0	5.80	0.00	5.80	0.00	5.80
Sub Total ER	757	1584			35.64	3.26	32.38		
+/- 800 KV BiswanathChariali-Agra	0	0	0	480	0	0	0	0	0
Sub Total NER	0	0			0	0	0		
Total IR Exch	7211	7169			183.28	8.27	175.01		

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	Total	Through ER	Through WR	Through ER	Through WR
29.00	3.68	32.68	18.32	6.72	-0.51	1.26	0.46	-0.46	
Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)			
Through ER	Through WR Incids Mndra	Total	Through ER	Through WR	Total	Through ER	Through WR	Total	
50.95	118.23	169.18	32.38	142.63	175.01	-18.57	24.40	5.83	

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	0.68	8.59	38.89	79.72	55.51	4.66	0.96	0.00	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)		
50.17	6.02	49.63	18.27	49.92	0.136	0.087	50.12	49.83

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	401	04:03	397	05:42	0.0	0.0	0.0	0.0
Gorakhpur	400	0	00:00	0	00:00	0.0	0.0	0.0	0.0
Bareilly	400	413	04:01	397	15:37	0.0	0.0	0.0	0.0
Kanpur	400	418	04:03	395	18:47	0.0	0.0	0.0	0.0
Dadri	400	420	04:01	393	18:50	0.0	0.0	0.0	0.0
Ballabhgarh	400	427	04:02	397	18:43	0.0	0.0	13.4	0.0
Bawana	400	426	04:00	397	18:47	0.0	0.0	13.1	0.0
Bassi	400	428	04:01	398	18:52	0.0	0.0	10.5	0.0
Hissar	400	425	04:02	388	18:50	0.0	0.8	7.1	0.0
Moga	400	426	04:01	393	18:48	0.0	0.0	9.3	0.0
Abdullapur	400	431	04:01	396	18:50	0.0	0.0	21.6	0.7
Nalagarh	400	433	04:04	400	18:50	0.0	0.0	27.2	7.5
Kishenpur	400	424	03:57	400	19:11	0.0	0.0	7.3	0.0
Wagoora	400	413	03:58	395	20:23	0.0	13.5	0.0	0.0
Amritsar	400	429	04:00	400	18:56	0.0	0.0	15.1	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	771	04:02	730	18:53	0.0	11.3	0.0	0.0
Balia	765	768	08:02	739	18:53	0.0	1.0	0.0	0.0
Moga	765	812	04:03	746	18:48	0.0	0.0	8.2	0.0
Agra	765	0	00:00	0	00:00	0.0	0.0	0.0	0.0
Bhiwani	765	809	04:00	0	15:09	9.9	9.9	12.5	0.0
Unnao	765	760	04:02	730	18:47	0.0	35.7	0.0	0.0
Lucknow	765	769	08:00	739	14:40	0.0	1.6	0.0	0.0
Meerut	765	816	04:04	754	18:48	0.0	0.0	13.5	0.0
Jhatikara	765	808	04:00	755	18:47	0.0	0.0	12.3	0.0
Bareilly	765	777	04:02	750	05:46	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	801	04:05	754	18:44	0.0	0.0	1.1	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	511.78	1635.65	511.03	1605.30	552.83	376.47
Pong	426.72	384.05	421.24	946.20	416.71	743.22	260.85	286.14
Tehri	829.79	740.04	822.75	1060.35	823.20	1069.87	167.86	203.00
Koteshwar	612.50	598.50	609.70	4.44	610.22	4.69	203.00	147.55
Chamera-I	760.00	748.75	757.66	0.00	0.00	0.00	251.80	353.83
Rihand	268.22	252.98	0.00	0.00	0.00	0.00	0.00	0.00
RPS	352.80	343.81	0.00	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	514.08	5.64	515.40	5.79	446.60	183.45

* 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	298	331	0	283	204	0	7.07	7.31	14.38
Delhi	98	-15	-2	490	-247	0	7.23	-1.86	5.37
Haryana	1701	-597	0	1701	192	0	40.85	-8.43	32.42
HP	-439	-302	0	-388	-382	0	-9.73	-6.93	-16.66
J&K	-412	0	0	-412	209	0	-9.89	3.89	-6.01
CHD	0	-30	0	0	-17	0	0.00	-0.35	-0.35
Rajasthan	-248	382	2	-390	521	0	-6.66	8.49	1.83
UP	466	0	0	194	0	0	6.26	0.00	6.26
Uttarakhand	-192	250	0	-200	353	0	-4.58	6.85	2.27
Total	1272	19	0	1277	833	0	30.55	8.96	39.51

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	298	283	334	186	0	0
Delhi	539	98	173	-373	0	-2
Haryana	1704	1700	197	-891	0	0
HP	-388	-439	-111	-560	0	0
J&K	-412	-412	259	-15	0	0
CHD	0	0	10	-40	0	0
Rajasthan	-248	-391	584	-179	2	0
UP	467	115	0	0	0	0
Uttarakhand	-178	-200	477	5	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 26.09.2015 :
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 :