

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पॉवरसिस्ट की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GO1188682

Power Supply Position in Northern Region for 11.10.2015

Date of Reporting : 12.10.2015

I. Regional Availability/Demand:

Demand Met	Evening Peak (20:00 Hrs) MW			Freq* (Hz)	Off Peak (03:00 Hrs) MW			Demand Met	Day Energy (Net MU)	
	Shortage	Requirement			Shortage	Requirement			Shortage	Requirement
42811	1484	44295		50.12	38793	2700	41493	50.11	947.7	46.58

* 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	65.94	11.35		77.29	67.46	67.59	0.13	144.88	0.00	
Haryana	58.22	0.56		58.79	87.05	87.20	0.16	145.99	0.00	
Rajasthan	120.01	3.23	21.52	144.76	54.48	55.25	0.76	200.00	0.00	
Delhi	14.08			14.08	69.94	68.67	-1.27	82.75	0.01	
UP	148.18	11.20		159.38	119.73	117.45	-2.28	276.82	38.04	
Uttarakhand		15.97		15.97	17.09	17.81	0.72	33.78	0.00	
HP		9.65		9.65	13.85	13.70	-0.15	23.34	0.00	
J & K		9.56	0.00	9.56	25.82	26.68	0.86	36.24	8.53	
Chandigarh				0.00	3.80	3.94	0.27	3.94	0.00	
Total	406.43	61.52	21.52	489.47	459.20	458.27	-0.81	947.74	46.58	

* 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	6389	0	-96	104	5576	0	80	41	6389	
Haryana	7084	0	-120	205	5203	0	154	258	7084	
Rajasthan	8316	0	-227	-113	8925	0	1	579	9360	
Delhi	3870	0	-35	336	3510	0	36	-20	4046	
UP	12353	1000	-171	197	11844	2455	-27	221	12353	
Uttarakhand	1588	0	-142	270	1342	0	148	150	1673	
HP	1071	0	-55	-646	856	0	0	-43	1155	
J&K	1937	484	71	-4	1391	245	62	46	1937	
Chandigarh	204	0	-8	-30	146	0	20	0	204	
Total	42811	1484	-783	320	38793	2700	474	1231	42811	

* STOA figures are at sellers boundary & PX figures are at regional boundary.

figures may not be at simultaneous hour.

Diversity is 1.03

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	
								Net MU	Net MU
A. NTPC									
Singrauli STPS (5*200+2*500)	2000	1881	2016	2048	45.59	1900	45.13	0.47	
Rihand I STPS (2*500)	1000	888	923	943	20.87	870	20.77	0.11	
Rihand II STPS (2*500)	1000	943	928	987	21.97	916	21.79	0.18	
Rihand III STPS (2*500)	1000	480	453	504	11.40	475	11.45	-0.06	
Dadri I STPS (4*210)	840	800	414	541	11.09	462	11.26	-0.17	
Dadri II STPS (2*490)	980	970	743	940	18.27	761	19.17	-0.91	
Unchahar I TPS (2*210)	420	200	146	184	4.00	167	4.48	-0.49	
Unchahar II TPS (2*210)	420	400	355	366	7.92	330	8.72	-0.80	
Unchahar III TPS (1*220)	210	200	134	190	3.67	153	4.13	-0.46	
ISTPP (Jhajjar) (3*500)	1500	1436	892	641	18.91	788	19.29	-0.38	
Dadri GPS (4*130.19+2*154.51)	830	670	385	278	8.27	345	8.66	-0.38	
Anta GPS (3*88.71+1*153.2)	419	403	-1	-1	0.00	0	0.00	0.00	
Auraiya GPS (4*111.19+2*109.30)	663	527	285	272	6.34	264	6.46	-0.12	
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	0.04	2	0.08	-0.04	
KHEP	800	845	724	0	4.41	184	4.26	0.15	
Sub Total (A)	12112	10650	8397	7893	183	7617	186	-3	
B. NPC									
NAPS (2*220)	440	186	213	214	4.44	185	4.46	-0.03	
RAPS- B (2*220)	440	397	397	397	9.30	388	9.53	-0.23	
RAPS- C (2*220)	440	206	228	230	4.81	201	4.94	-0.13	
Sub Total (B)	1320	789	838	841	18.55	773	18.94	-0.39	
C. NHPC									
Chamera I HPS (3*180)	540	537	545	0	4.35	181	4.22	0.14	
Chamera II HPS (3*100)	300	300	302	0	3.01	125	2.92	0.09	
Chamera III HPS (3*77)	231	229	230	0	1.89	79	1.80	0.09	
Bairasuli HPS(3*60)	180	179	181	0	1.01	42	0.97	0.04	
Saikal-HPS (6*115)	690	203	453	225	5.51	229	4.92	0.58	
Tanakpur-HPS (3*40)	94	55	60	61	1.46	61	1.32	0.13	
Uri-I HPS (4*120)	480	268	347	238	7.04	293	6.40	0.64	
Uri-II HPS (4*60)	240	161	181	134	4.00	167	3.86	0.14	
Dhauliganga-HPS (4*70)	280	280	277	73	2.59	108	2.16	0.44	
Dulhasti-HPS (3*130)	390	254	259	271	6.25	261	6.10	0.15	
Sewa-II HPS (3*40)	120	119	121	0	0.81	34	0.70	0.11	
Parbati 3 (4*130)	520	303	0	286	0.81	34	0.91	-0.10	
Sub Total (C)	4065	2889	2954	1289	39	1614	36	2	
D.SJVNL									
NJPC (6*250)	1500	1605	1604	0	15.74	656	15.47	0.26	
Rampur HEP (6*68.67)	412	330	372	0	4.08	170	3.94	0.15	
Sub Total (D)	1912	1935	1976	0	19.82	826	19.41	0.41	
E. THDC									
Tehri HPS (4*250)	1000	1080	910	0	8.50	354	8.40	0.10	
Koteshwar HPS (4*100)	400	121	101	91	2.94	122	2.90	0.04	
Sub Total (E)	1400	1201	1011	91	11.43	476	11.30	0.13	
F. BBMB									
Bhakra HPS (2*108+3*126+5*157)	1379	685	1199	525	16.32	680	16.44	-0.12	
Dehar HPS (6*165)	990	295	660	165	7.23	301	7.07	0.16	
Pong HPS (6*66)	396	258	384	126	6.12	255	6.19	-0.07	
Sub Total (F)	2765	1238	2243	816	29.67	1236	29.70	-0.03	
G. IPP(s)/JV(s)									
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	95	62	1.02	42	0.98	0.03	
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	780	250	8.55	356	8.41	0.14	
Malana Stg-II HPS (2*50)	100	0	105	25	0.62	26	0.59	0.04	
Shree Cement TPS (2*150)	300	0	291	222	6.50	271	6.85	-0.35	
Budhil HPS(IPP) (2*35)	70	0	37	0	0.48	20	0.55	-0.07	
Sub Total (G)	1662	0	1308	559	17.16	715	17.37	-0.21	
H. Total Regional Entities (A-G)	25237	18701	18727	11489	318.18	13257	318.75	-0.57	

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	835	670	16.12	672	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	200	200	4.40	183	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	780	812	17.82	742	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	720	1263	27.60	1150	
	Talwandi Saboo (1*660)	660	0	0	0.00	0	
	Thermal (Total)	4700	2535	2945	65.94	2748	
	Total Hydro	1000	488	450	11.35	473	
Total Punjab	5700	3023	3395	77.29	3221		
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	651	617	14.90	621	
	DCRTPP (Yamuna nagar) (2*300)	600	559	455	12.53	522	
	Faridabad GPS (NTPC)	432	154	174	4.08	170	
	RGTTP (khedar) (IPP) (2*600)	1200	570	776	15.16	631	
	Magnum Diesel (IPP)	25	0	0	0.00	0	
	Jhajjar(CLP) (2*660)	1320	563	372	11.56	482	
	Thermal (Total)	4944	2497	2394	58.22	2426	
	Total Hydro	62	16	23	0.56	24	
	Total Haryana	5006	2513	2417	58.79	2449	
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	821	837	20.23	843
		suratgarh TPS (6*250)	1500	569	568	13.56	565
Chabra TPS (4*250)		1000	388	410	9.10	379	
Dholpur GPS (3*110)		330	0	0	0.14	6	
Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)		271	195	153	4.31	179	
RAPS A (NPC) (1*100+1*200)		300	163	161	3.97	165	
Barsingar (NLC) (2*125)		250	95	96	2.27	94	
Giral LTPS (2*125)		250	93	94	1.87	78	
Rajwest LTPS (IPP) (8*135)		1080	645	713	16.27	678	
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0	
Kalisindh Thermal(2*600)		1200	897	1007	22.08	920	
Kawai(Adani) (2*660)		1320	875	960	26.23	1093	
Thermal (Total)		8876	4741	4999	120	5000	
Total Hydro		550	203	81	3.23	135	
Wind power		3214	497	1425	20.78	866	
Biomass		99	22	22	0.52	22	
Solar		730	1	0	0.23	10	
Renewable/Others (Total)		4043	520	1447	21.52	897	
Total Rajasthan		13469	5464	6527	144.76	6032	
UP		Anpara TPS (3*210+2*500)	1630	1363	1346	31.90	1329
		Obra TPS (2*50+2*94+5*200)	1194	448	455	10.70	446
	Paricha TPS (2*110+2*220+2*250)	1140	629	625	14.60	608	
	Panki TPS (2*105)	210	59	63	1.40	58	
	Haridwar TPS (1*60+1*105+2*250)	665	315	310	7.40	308	
	Tanda TPS (NTPC) (4*110)	440	315	379	8.98	374	
	Roza TPS (IPP) (4*300)	1200	1085	1089	25.90	1079	
	Anpara-C (IPP) (2*600)	1200	1071	1080	25.90	1079	
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	365	363	8.50	354	
	Anpara-D(1*500)	500	0	0	0.00	0	
	Lalitpur TPS(1*660)	660	391	390	10.50	438	
	Thermal (Total)	9289	6041	6100	146	6074	
	Vishnuparyag HPS (IPP)(4*110)	440	276	271	6.20	258	
	Alakanada(4*82.5)	330	132	132	3.30	138	
	Other Hydro	527	82	84	1.70	71	
	Cogeneration	981	100	100	2.40	100	
	Total UP	11567	6631	6687	159	6641	
Uttarakhand	Total Hydro	1398	743	614	15.97	665	
	Total Uttarakhand	1398	743	614	15.97	665	
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0	
	Delhi Gas Turbine (6x30 + 3x34)	282	36	35	0.90	37	
	Pragati Gas Turbine (2x104+ 1x122)	330	147	150	3.59	150	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	260	248	6.10	254	
	Badarpur TPS (NTPC) (3*95+2*210)	705	168	168	3.49	146	
	Thermal (Total)	2917	611	602	14.08	587	
	Total Delhi	2917	611	602	14.08	587	
HP	Baspa HPS (IPP) (3*100)	300	61	61	2.16	90	
	Malana HPS (IPP) (2*43)	86	46	47	0.62	26	
	Other Hydro	878	308	264	6.87	286	
	Total HP	1264	415	372	9.65	402	
J & K	Baglihar HPS (IPP) (3*150)	450	300	300	7.20	300	
	Other Hydro/IPP	560	110	101	2.36	98	
	Gas/Diesel/Others	190	0	0	0.00	0	
	Total J & K	1200	410	401	9.56	398	
Total State Control Area Generation		42521	19810	21015	489.47	20395	
J. Net Inter Regional Exchange (Import +ve)/Export (-ve)]			5434	6399	154.49	6437	
Total Regional Availability(Gross)		67758	43971	38903	962.13	40089	

IV. Total Hydro Generation:

Regional Entities Hydro	12234	9888	2533	114.25	4761
State Control Area Hydro	6581	2765	2428	62	2563
Total Regional Hydro	18815	12653	4961	175.77	7324

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)	-150	-150	0	150	0.00	3.69	-3.69		
765 KV Gwalior-Agra (D/C)	2355	2680	2849	0	61.08	0.00	61.08		
400 KV Zerda-Kankrol	-63	-188	0	188	0.00	2.98	-2.98		
400 KV Zerda-Bhinmal	-52	-181	28	188	0.00	2.40	-2.40		
220 KV Auraiya-Malampur	-85	-78	0	239	0.00	2.37	-2.37		
220 KV Badoh-Kota/Morak	-31	-63	0	159	0.00	1.84	-1.84		
Mundra-Mohindergarh(HVDC Bipole)	2503	2497	2506	0	60.42	0.00	60.42		
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00		
765 kV Phagi-Gwalior (D/C)	818	944	1060	0	20.89	0.00	20.89		
Sub Total WR	5295	5461			142.39	13.28	129.11		
Pusauli Bypass/HVDC	400	400	400	0	9.09	0.00	9.09		
400 KV MZP- GKP (D/C)	150	-286	356	150	4.33	0.00	4.33		
400 KV Patna-Balia(D/C) X 2	17	322	336	0	4.67	0.00	4.67		
400 KV B'Shanif-Balia (D/C)	-185	131	148	193	0.29	0.00	0.29		
765 KV Gaya-Balia	-45	124	163	45	0.57	0.00	0.57		
765 KV Gaya-Fatehpur	-121	46	150	121	1.20	0.00	1.20		
220 KV Pusauli-Sahupuri	108	140	179	0	3.53	0.00	3.53		
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00		
132 KV Son Ngr-Rihand	-26	-28	0	27	0.00	0.59	-0.59		
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00		
765 KV Sasaram - Fatehpur	-313	-104	13	313	0.00	2.67	-2.67		
400 KV Barh -GKP (D/C)	154	193	280	0	4.85	0.00	4.85		
Sub Total ER	139	938			28.53	3.25	25.28		
+/- 800 KV BiswanathChariali-Agra	0	0	150	0	0.10	0.00	0.10		
Sub Total NER	0	0			0.10	0.00	0.10		
Total IR Exch	5434	6399			171.02	16.53	154.49		

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
32.92	2.33	35.26	1.02	1.64	6.02	4.25	1.65	-1.65	
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	
43.95	105.88	149.83	25.28	129.11	154.39	-18.67	23.23	4.56	

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	0.30	11.22	59.62	73.01	10.81	4.69	0.34	0.00

<----- Frequency (Hz) ----->

Maximum				Minimum				Average Frequency Hz	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Freq	Time	Freq	Time	Hz	(Hz)	MAX (Hz)	MIN (Hz)					
50.31	18.00	49.71	18.12	49.99	0.052	0.070	50.19	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	404	07:56	400	01:53	0.0	0.0	0.0	0.0
Gorakhpur	400	415	07:02	400	18:11	0.0	0.0	0.0	0.0
Bareilly	400	411	03:04	395	18:41	0.0	0.0	0.0	0.0
Kanpur	400	411	00:00	400	00:00	0.0	0.0	0.0	0.0
Dadri	400	418	03:14	404	18:36	0.0	0.0	0.0	0.0
Ballabhgarh	400	423	03:02	407	18:39	0.0	0.0	9.5	0.0
Bawana	400	420	02:47	403	18:37	0.0	0.0	0.0	0.0
Bassi	400	424	04:03	404	23:17	0.0	0.0	3.3	0.0
Hissar	400	417	02:44	401	18:39	0.0	0.0	0.0	0.0
Moga	400	423	03:25	404	18:24	0.0	0.0	6.6	0.0
Abdullapur	400	423	02:50	402	18:15	0.0	0.0	6.5	0.0
Nalagarh	400	430	03:03	409	18:36	0.0	0.0	24.6	0.0
Kishenpur	400	429	02:45	401	18:36	0.0	0.0	19.8	0.0
Wagoora	400	419	03:06	379	18:38	0.1	14.5	0.0	0.0
Amritsar	400	427	02:44	406	14:50	0.0	0.0	15.8	0.0
Kashipur	400	416	02:44	412	05:56	0.0	0.0	0.0	0.0
Hamirpur	400	415	00:00	412	00:00	0.0	0.0	0.0	0.0
Rishikesh	400	406	03:24	394	09:32	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	773	21:59	749	18:39	0.0	0.0	0.0	0.0
Balia	765	768	07:02	744	18:40	0.0	0.0	0.0	0.0
Moga	765	804	03:15	770	18:39	0.0	0.0	4.9	0.0
Agra	765	788	04:02	762	23:34	0.0	0.0	0.0	0.0
Bhiwani	765	803	02:46	774	18:38	0.0	0.0	7.0	0.0
Unnao	765	756	21:59	733	18:39	0.0	32.6	0.0	0.0
Lucknow	765	766	07:02	743	18:38	0.0	0.0	0.0	0.0
Meerut	765	808	03:25	774	18:41	0.0	0.0	10.3	0.0
Jhatikara	765	800	00:00	765	00:00	0.0	0.0	0.0	0.0
Bareilly	765	800	00:00	765	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	800	00:00	765	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	510.58	1575.10	509.15	1500.16	269.92	457.29
Pong	426.72	384.05	420.14	889.22	415.86	705.67	105.20	355.91
Tehri	829.79	740.04	820.60	1014.00	824.55	1096.00	100.28	190.00
Koteshwar	612.50	598.50	610.87	4.95	609.11	4.21	190.00	193.26
Chamera-I	760.00	748.75	755.87	0.00	0.00	0.00	109.91	117.82
Rihand	268.22	252.98	0.00	0.00	0.00	0.00	0.00	0.00
RPS	352.80	343.81	1151.13	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	513.50	3.35	511.87	6.18	115.43	168.52

* 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	-95	136	0	-97	202	0	-2.06	5.01	2.96
Delhi	-94	76	-2	105	234	-2	0.12	5.08	5.20
Haryana	39	219	0	39	166	0	0.94	3.70	4.64
HP	-50	7	0	-50	-596	0	-1.20	-4.44	-5.64
J&K	-39	85	0	-39	35	0	-0.94	1.22	0.28
CHD	0	0	0	0	-30	0	0.00	-0.19	-0.19
Rajasthan	21	556	2	21	-136	2	0.43	6.68	7.11
UP	221	0	0	197	0	0	4.47	1.87	6.34
Uttarakhand	148	2	0	148	122	0	3.56	0.73	4.29
Total	150	1081	0	324	-4	0	5.32	19.67	24.99

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-75	-97	263	136	0	0
Delhi	105	-94	570	-166	-2	-2
Haryana	39	39	220	-183	0	0
HP	-50	-50	31	-603	0	0
J&K	-39	-39	185	-65	0	0
CHD	0	0	0	-40	0	0
Rajasthan	21	-5	556	-530	2	2
UP	252	125	495	0	0	0
Uttarakhand	148	148	130	-99	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 11.10.2015 :
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 :