

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(सार्वजनिक की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)



उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 25.11.2015

Date of Reporting : 26.11.2015

I. Regional Availability/Demand:

Evening Peak (19:00 Hrs) MW				Off Peak (03:00 Hrs) MW				Day Energy (Net MU)	
Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
36506	1586	38092	50.01	28970	626	29596	50.05	782.3	35.38

* 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:

UI [OD:(+ve), UD: (-ve)]

State	State's Control Area Generation (Net MU)				Drawal Schedule (Net MU)	Actual Drawal (Net MU)	UI (Net MU)	Consumption (Net MU)	Shortages* (MU)
	Thermal	Hydro	Renewable/others \$	Total					
Punjab	35.76	6.17		41.94	42.75	43.79	1.04	85.73	0.00
Haryana	45.32	0.41		45.73	63.00	62.27	-0.73	107.99	0.00
Rajasthan	116.37	5.55	9.14	131.06	71.10	73.72	2.62	204.79	0.00
Delhi	14.39			14.39	41.10	41.85	0.76	56.24	0.58
UP	116.14	5.80		121.94	103.31	102.74	-0.57	224.67	24.36
Uttarakhand		6.59		6.59	25.06	26.89	1.83	33.47	0.56
HP		5.02		5.02	18.25	19.29	1.04	24.31	0.00
J & K		8.14	0.00	8.14	32.37	33.76	1.39	41.90	9.88
Chandigarh				0.00	3.23	3.18	0.27	3.18	0.00
Total	327.98	37.67	9.14	374.80	400.16	407.49	7.64	782.29	35.38

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

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

UI/OA/PX [OD/Import: (+ve), UD/Export: (-ve)]

State	Evening Peak (19:00 Hrs) MW				Off Peak (03:00 Hrs) MW				# Max(hourly) Demand Met of Day (MW)
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction	
Punjab	3744	0	16	-332	2737	0	105	-385	4484
Haryana	6136	0	-212	-254	3161	0	75	-187	6136
Rajasthan	9043	0	-43	607	7986	0	118	635	9745
Delhi	3035	0	-58	-140	1541	0	170	-970	3061
UP	9480	1060	-210	-282	9936	340	-86	109	10170
Uttarakhand	1701	40	-25	448	1173	0	63	378	1746
HP	1247	0	58	-202	728	0	39	194	1297
J&K	1944	486	61	300	1620	286	48	417	1944
Chandigarh	176	0	-25	-30	88	0	5	-30	176
Total	36506	1586	-438	115	28970	626	538	162	36506

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

Diversity is 1.06

III. Regional Entities :

UI [OG:(+ve), UG: (-ve)]

A. NTPC	Station/ Constituent	Inst. Capacity (Effective) MW	Declared Capacity(MW)	Peak MW	Off Peak MW	Energy	Average	Schedule	UI
				(Gross)	(Gross)	(Net MU)	Sentout(MW)	Net MU	Net MU
	Singrauli STPS (5*200+2*500)	2000	1548	1506	1850	37.31	1554	36.58	0.72
	Rihand I STPS (2*500)	1000	870	875	718	18.58	774	18.55	0.03
	Rihand II STPS (2*500)	1000	963	777	652	20.31	846	20.08	0.23
	Rihand III STPS (2*500)	1000	970	729	844	21.57	899	21.72	-0.14
	Dadri I STPS (4*210)	840	610	156	154	3.80	158	3.91	-0.11
	Dadri II STPS (2*490)	980	980	359	344	9.33	389	10.01	-0.68
	Unchahar I TPS (2*210)	420	406	318	273	7.67	320	8.19	-0.52
	Unchahar II TPS (2*210)	420	404	304	259	7.05	294	7.39	-0.35
	Unchahar III TPS (1*220)	210	202	150	131	3.52	146	3.63	-0.11
	ISTPP (Jhajjar) (3*500)	1500	1500	735	617	16.38	683	16.93	-0.55
	Dadri GPS (4*130.19+2*154.51)	830	636	560	562	12.14	506	12.41	-0.27
	Anta GPS (3*88.71+1*153.2)	419	419	180	198	4.81	201	5.06	-0.24
	Auraiya GPS (4*111.19+2*109.30)	663	653	220	294	5.88	245	5.99	-0.11
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	1	0	0	0.03	1	0.02	0.01
	Singrauli Solar	15	1	0	0	0.04	2	0.03	0.01
	KHEP	800	655	347	0	3.79	158	3.50	0.29
	Sub Total (A)	12112	10819	7016	6896	172	7176	174	-2
B. NPC	NAPS (2*220)	440	198	220	223	4.78	199	4.75	0.03
	RAPS- B (2*220)	440	394	439	438	9.46	394	9.46	0.01
	RAPS- C (2*220)	440	410	454	459	9.86	411	9.84	0.02
	Sub Total (B)	1320	1002	1113	1120	24.10	1004	24.05	0.05
C. NHPC	Chamera I HPS (3*180)	540	540	547	0	1.81	75	1.62	0.19
	Chamera II HPS (3*100)	300	200	100	0	1.50	62	1.34	0.16
	Chamera III HPS (3*77)	231	229	227	0	0.83	35	0.72	0.11
	Bairasuli HPS(3*60)	180	122	121	0	0.60	25	0.55	0.04
	Salal-HPS (6*115)	690	173	337	218	4.88	204	4.18	0.71
	Tanakpur-HPS (3*40)	94	25	23	27	0.76	32	0.61	0.16
	Uri-I HPS (4*120)	480	305	337	355	7.85	327	7.33	0.52
	Uri-II HPS (4*60)	240	176	162	183	4.43	185	4.22	0.21
	Dhauliganga-HPS (4*70)	280	210	210	0	1.29	54	1.19	0.10
	Dulhasti-HPS (3*130)	390	387	402	0	4.15	173	3.90	0.25
	Sewa-II HPS (3*40)	120	119	122	0	0.50	21	0.50	0.00
	Parbati 3 (4*130)	520	130	131	0	0.81	34	0.52	0.29
	Sub Total (C)	4065	2617	2719	783	29	1225	27	3
D.SJVNL	NJPC (6*250)	1500	1605	1605	0	9.52	397	9.46	0.05
	Rampur HEP (6*68.67)	412	432	432	0	2.74	114	2.63	0.11
	Sub Total (D)	1912	2037	2037	0	12.25	511	12.09	0.16
E. THDC	Tehri HPS (4*250)	1000	1010	791	0	6.39	266	6.20	0.19
	Koteshwar HPS (4*100)	400	92	101	90	2.24	93	2.20	0.04
	Sub Total (E)	1400	1101	892	90	8.64	360	8.40	0.24
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	549	1050	376	13.98	583	13.18	0.80
	Dehar HPS (6*165)	990	145	495	0	3.35	140	3.47	-0.12
	Pong HPS (6*66)	396	274	318	126	6.54	273	6.58	-0.04
	Sub Total (F)	2765	968	1863	502	23.87	995	23.23	0.64
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	108	0	0.63	26	0.60	0.03
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	0	5.41	225	5.28	0.13
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	110	110	2.63	110	2.70	-0.07
	Budhil HPS(IPP) (2*35)	70	0	75	0	0.23	10	0.23	0.00
	Sub Total (G)	1662	0	923	110	8.90	371	8.81	0.09
H. Total Regional Entities (A-G)		25237	18544	16563	9501	279.38	11641	277.27	2.12

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	160	160	3.79	158	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	90	110	2.14	89	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	0	0	-0.14	-6	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	355	408	11.73	489	
	Talwandi Saboo (2*660)	1320	684	686	18.24	760	
	Thermal (Total)	5360	1289	1364	35.76	1490	
	Total Hydro	1000	232	220	6.17	257	
	Total Punjab	6360	1521	1584	41.94	1747	
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
DCRTPP (Yamuna nagar) (2*300)		600	548	456	11.26	469	
Faridabad GPS (NTPC)		432	201	156	4.59	191	
RGTPP (khedar) (IPP) (2*600)		1200	1129	772	19.71	821	
Magnum Diesel (IPP)		25	0	0	0.00	0	
Jhajjar(CLP) (2*660)		1320	576	374	9.77	407	
Thermal (Total)		4944	2454	1758	45.32	1888	
Total Hydro		62	10	20	0.41	17	
Total Haryana		5006	2464	1778	45.73	1905	
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	1006	1002	25.07	1044
	suratgarh TPS (6*250)	1500	410	414	10.18	424	
	Chabra TPS (4*250)	1000	583	542	12.85	536	
	Dholpur GPS (3*110)	330	0	0	0.00	0	
	Ramgarh GPS (1*37.5 + 1*35.5 + 2*37.5 + 1*110 + 1*50)	271	195	197	4.74	198	
	RAPS A (NPC) (1*100+1*200)	300	158	159	3.95	165	
	Barsingar (NLC) (2*125)	250	94	94	2.16	90	
	Giral LTPS (2*125)	250	0	0	0.00	0	
	Rajwest LTPS (IPP) (8*135)	1080	898	838	20.21	842	
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0	
	Kalisindh Thermal(2*600)	1200	487	479	11.79	491	
	Kawai(Adani) (2*660)	1320	984	859	25.41	1059	
	Thermal (Total)	8876	4815	4584	116	4849	
	Total Hydro	550	271	190	5.55	231	
	Wind power	3214	186	736	8.68	362	
	Biomass	99	19	19	0.46	19	
	Solar	730	0	0	0.00	0	
	Renewable/Others (Total)	4043	205	755	9.14	381	
	Total Rajasthan	13469	5291	5529	131.06	5461	
	UP	Anpara TPS (3*210+2*500)	1630	1391	1402	33.00	1375
Obra TPS (2*50+2*94+5*200)		1194	393	392	9.40	392	
Paricha TPS (2*110+2*220+2*250)		1140	644	631	15.20	633	
Panki TPS (2*105)		210	75	0	1.20	50	
Harduaganj TPS (1*60+1*105+2*250)		665	439	439	10.50	438	
Tanda TPS (NTPC) (4*110)		440	279	385	8.54	356	
Roza TPS (IPP) (4*300)		1200	198	275	6.00	250	
Anpara-C (IPP) (2*600)		1200	1080	1081	25.90	1079	
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	58	81	1.60	67	
Anpara-D(1*500)		500	0	0	0.00	0	
Lalitpur TPS(1*660)		660	0	0	0.00	0	
Bara(1*660)		660	0	0	0.00	0	
Thermal (Total)		9949	4557	4686	111	4639	
Vishnuparyag HPS (IPP)(4*110)		440	108	108	2.60	108	
Alaknanda(4*82.5)		330	71	67	1.60	67	
Other Hydro		527	26	183	1.60	67	
Cogeneration		981	200	200	4.80	200	
Total UP		12227	4962	5244	122	5081	
Uttarakhand		Total Hydro	1398	469	218	6.59	274
		Total Uttarakhand	1398	469	218	6.59	274
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0	
	Delhi Gas Turbine (6x30 + 3x34)	282	40	41	0.93	39	
	Pragati Gas Turbine (2x104+ 1x122)	330	154	150	3.72	155	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	252	252	6.14	256	
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	3.60	150	
	Thermal (Total)	2917	611	608	14.39	600	
Total Delhi	2917	611	608	14.39	600		
HP	Baspa HPS (IPP) (3*100)	300	31	31	1.41	59	
	Malana HPS (IPP) (2*43)	86	39	0	0.31	13	
	Other Hydro	878	179	107	3.30	137	
	Total HP	1264	249	138	5.02	209	
J & K	Baglihar HPS (IPP) (3*150)	450	240	240	5.76	240	
	Other Hydro/IPP	560	106	109	2.38	99	
	Gas/Diesel/Others	190	0	0	0.00	0	
	Total J & K	1200	346	349	8.14	339	
Total State Control Area Generation		43841	15913	15448	374.80	15617	
J. Net Inter Regional Exchange (Import +ve)/Export (-ve)			5484	5549	158.55	6606	
Total Regional Availability(Gross)		69078	37960	30498	812.73	33864	

IV. Total Hydro Generation:

Regional Entities Hydro	12234	8596	1375	83.99	3499
State Control Area Hydro	6581	1782	1493	38	1570
Total Regional Hydro	18815	10378	2868	121.66	5069

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

Element	Peak(19:00 Hrs)		Off Peak(03:00 Hrs)		Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW		MW		Import	Export	Import	Export	
Vindhychal(HVDC B/B)	-500		-100		250	500	0.77	4.64	-3.87
765 KV Gwalior-Agra (D/C)	2026		2251		2917	0	59.34	0.00	59.34
400 KV Zerda-Kankroli	-166		-171		0	243	0.00	2.74	-2.74
400 KV Zerda-Bhinmal	-97		-99		84	212	0.00	0.75	-0.75
220 KV Auraiya-Malanpur	-79		-100		0	112	0.00	1.85	-1.85
220 KV Badod-Kota/Morak	-61		-110		0	89	0.00	2.22	-2.22
Mundra-Mohindergarh(HVDC Bipole)	2504		1353		2508	0	51.13	0.00	51.13
400 KV Vindhychal - Rihand	0		0		0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	629		938		825	13	21.40	0.00	21.40
Sub Total WR	4256		3962				132.64	12.20	120.44
Pusaulli Bypass/HVDC	499		100		499	100	10.69	7.03	3.66
400 KV MZP -GKP (D/C)	176		332		676	0	8.21	0.00	8.21
400 KV Patna-Balia(D/C) X 2	274		404		571	0	9.80	0.00	9.80
400 KV B'Sharif-Balia (D/C)	43		148		365	0	4.41	0.00	4.41
765 KV Gaya-Balia	170		229		260	0	2.09	0.00	2.09
765 KV Gaya-Fatehpur	104		171		380	0	5.39	0.00	5.39
220 KV Pusaulli-Sahupuri	93		135		188	0	2.85	0.00	2.85
132 KV K'nasa-Sahupuri	0		0		0	0	0.96	0.00	0.96
132 KV Son Ngr-Rihand	-26		-26		0	28	0.00	0.60	-0.60
132 KV Garhwa-Rihand	0		0		0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	153		68		419	0	4.68	0.00	4.68
400 KV Barh -GKP (D/C)	242		326		376	0	7.93	0.00	7.93
Sub Total ER	1728		1887				57.01	7.63	49.38
+/- 800 KV BiswanathCharialli-Agra	-500		-300		0	500	0.00	11.27	-11.27
Sub Total NER	-500		-300				0.00	11.27	-11.27
Total IR Exch	5484		5549				189.65	31.10	158.55

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

ISGS/LT Schedule (MU)			Bilateral Schedule (MU)			Power Exchange Shdl (MU)		Wheeling (MU)	
ER	Bhutan	Total	Through ER	Through WR	Total	Through ER	Through WR	Through ER	Through WR
26.27	0.81	27.08	4.04	-15.15	5.82	26.54	5.88	-5.88	
Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)			
Through ER	Through WR Inclds Mndra	Total	Through ER(including NER)	Through WR	Total	Through ER(including NER)	Through WR	Total	
42.82	98.10	140.92	38.11	120.44	158.55	-4.71	22.34	17.64	

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

Element	Peak(19:00 Hrs)		Off Peak(03:00 Hrs)		Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW		MW		Import	Export	Import	Export	
132 KV Tanakpur - Mahendarnagar	-32		-33		0	34	0	1	-0.73

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	0.72	13.94	56.65	68.75	13.73	3.61	0.00	0.00

----- Frequency (Hz) ----->				Average Frequency Hz	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX (Hz)	MIN (Hz)
Freq	Time	Freq	Time					
50.18	17.02	49.72	11.24	49.98	0.055	0.072	0.00	0.00

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	02:01	398	05:48	0.0	0.0	0.0	0.0
Gorakhpur	400	419	04:03	403	12:18	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	419	04:02	393	11:24	0.0	0.0	0.0	0.0
Kanpur	400	411	04:03	400	09:38	0.0	0.0	0.2	0.0
Dadri	400	424	03:41	401	09:41	0.0	0.0	21.3	0.0
Ballabgarh	400	430	03:59	406	09:37	0.0	0.0	42.8	0.0
Bawana	400	428	20:42	405	09:40	0.0	0.0	39.2	0.0
Bassi	400	426	20:41	391	09:41	0.0	0.0	10.8	0.0
Hissar	400	424	20:44	399	09:38	0.0	0.0	3.6	0.0
Moga	400	423	20:45	402	09:40	0.0	0.0	2.2	0.0
Abdullapur	400	419	23:53	386	09:40	0.0	7.8	0.0	0.0
Nalagarh	400	434	21:28	406	09:39	0.0	0.0	50.5	8.5
Kishenpur	400	427	21:01	399	18:19	0.0	0.0	12.1	0.0
Wagoora	400	409	21:01	371	18:23	5.7	37.8	0.0	0.0
Amritsar	400	429	20:45	408	09:37	0.0	0.0	52.8	0.0
Kashipur	400	420	20:42	407	11:23	0.0	0.0	0.0	0.0
Hamirpur	400	421	00:00	400	09:38	0.0	0.0	39.3	0.0
Rishikesh	400	412	20:41	376	12:19	2.7	30.7	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	776	19:56	737	06:45	0.0	6.3	0.0	0.0
Balia	765	770	04:04	744	11:23	0.0	0.0	0.0	0.0
Moga	765	809	20:44	762	07:33	0.0	0.0	4.9	0.0
Agra	765	798	20:44	746	09:40	0.0	0.0	0.0	0.0
Bhiwani	765	812	20:45	756	09:38	0.0	0.0	11.1	0.0
Unnao	765	769	04:03	735	10:10	0.0	15.2	0.0	0.0
Lucknow	765	780	04:05	742	11:23	0.0	0.0	0.0	0.0
Meerut	765	820	20:45	764	09:48	0.0	0.0	8.0	0.0
Jhatikara	765	809	03:09	762	11:16	0.0	0.0	0.0	0.0
Bareilly 765 kV	765	803	03:56	756	12:11	0.0	0.0	0.0	0.0
Anta	765	781	19:41	756	09:39	0.0	0.0	0.0	0.0
Phagi	765	798	20:44	747	06:50	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	507.02	1396.66	503.87	1258.87	204.42	391.79
Pong	426.72	384.05	416.19	718.14	410.77	524.54	65.81	400.60
Tehri	829.79	740.04	813.00	862.27	819.40	982.26	43.60	148.00
Koteshwar	612.50	598.50	610.54	4.87	609.74	4.44	148.00	147.57
Chamera-I	760.00	748.75	758.88	0.00	0.00	0.00	55.98	48.94
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	506.57	0.44	509.66	2.14	70.65	48.25

* NA: Not Available

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

State	Off- Peak Hours (03:00 Hrs)			Peak Hours (19:00 Hrs)			Day Energy (MU)		
	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MU)	IEX / PXIL (MU)	Total (MU)
Punjab	-670	285	0	-596	264	0	-12.98	6.37	-6.61
Delhi	-907	-63	0	-547	407	0	-15.47	6.49	-8.98
Haryana	-322	135	0	-517	263	0	-8.84	5.99	-2.85
HP	152	42	0	245	-446	0	6.01	-2.89	3.12
J&K	427	-10	0	411	-111	0	9.88	-1.18	8.70
CHD	-30	0	0	0	-30	0	-0.24	-0.14	-0.38
Rajasthan	-6	638	2	-6	610	2	9.21	14.48	23.69
UP	109	0	0	-282	0	0	-3.83	0.00	-3.83
Uttarakhand	194	184	0	194	254	0	4.66	6.62	11.28
Total	-1052	1212	2	-1099	1212	2	-11.61	35.74	24.13

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-193	-720	303	190	0	0
Delhi	-543	-907	641	-104	0	0
Haryana	-307	-517	295	75	0	0
HP	318	152	42	-792	0	0
J&K	427	391	-10	-171	0	0
CHD	0	-30	15	-80	0	0
Rajasthan	713	-6	1058	-316	2	2
UP	146	-319	0	0	0	0
Uttarakhand	194	194	476	109	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 25.11.2015 :
Normal.

XIV. Synchronisation of new generating units :

XV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / substation :
400Kv Abdullapur-Kurukshetra -1 and Kurukshetra-Sonapat-1 (LILO of Abdullapur-Sonepat -1 at Kurukshetra) first time charged at 17:52 hrs and 16:28 hrs respectively and synchronized at 17.57 hr /25.11.15 along with Bus reactor (125MVAR) at Kurukshetra.

XVI. Tripping of lines in pooling stations :

XVII. Complete generation loss in a generating station :