

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 26.11.2015
Date of Reporting : 27.11.2015

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
37020	1177	38197	50.12	28539	386	28925	50.05	784.3	36.17

* 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)
	Thermal	Hydro	Renewable/others \$	Total					
Punjab	34.22	6.97		41.19	46.14	46.45	0.31	87.64	0.00
Haryana	44.94	0.31		45.25	64.83	62.79	-2.05	108.03	0.00
Rajasthan	115.05	4.40	12.32	131.77	70.72	71.67	0.95	203.44	0.00
Delhi	14.26			14.26	44.16	44.20	0.04	58.46	0.02
UP	112.80	5.50		118.30	106.78	106.45	-0.33	224.76	23.07
Uttarakhand		6.05		6.05	25.62	27.28	1.65	33.32	0.61
HP		4.81		4.81	18.43	19.24	0.81	24.06	0.14
J & K		7.90	0.00	7.90	32.33	33.35	1.02	41.26	12.32
Chandigarh				0.00	3.33	3.32	0.27	3.32	0.00
Total	321.28	35.94	12.32	369.53	412.36	414.76	2.68	784.30	36.17

* 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 (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	4050	0	-37	-312	2666	0	-73	-384	4608
Haryana	6032	0	-93	-202	3105	0	-49	-151	6032
Rajasthan	8920	0	81	89	8216	0	256	631	10090
Delhi	3176	0	-18	124	1538	0	72	-877	3176
UP	9860	620	-368	-273	9542	120	-63	109	9889
Uttarakhand	1681	75	-11	422	1122	0	108	397	1692
HP	1195	0	-108	-258	756	0	73	213	1312
J&K	1928	482	13	300	1506	266	-75	417	1928
Chandigarh	178	0	-19	0	87	0	-4	-30	180
Total	37020	1177	-559	-110	28539	386	245	324	37020

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

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

Diversity is 1.05

III. Regional Entities :

Entity	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
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1397	1540	1405	33.92	1413	32.95	0.97
	Rihand I STPS (2*500)	1000	869	694	770	18.67	778	18.69	-0.02
	Rihand II STPS (2*500)	1000	963	725	822	19.73	822	19.47	0.26
	Rihand III STPS (2*500)	1000	957	947	832	20.65	860	20.76	-0.11
	Dadri I STPS (4*210)	840	610	137	148	3.67	153	3.77	-0.11
	Dadri II STPS (2*490)	980	980	340	334	8.65	360	9.18	-0.53
	Unchahar I TPS (2*210)	420	406	332	289	7.40	309	7.81	-0.41
	Unchahar II TPS (2*210)	420	404	282	263	6.76	282	7.03	-0.27
	Unchahar III TPS (1*220)	210	202	151	131	3.46	144	3.51	-0.05
	ISTPP (Jhajjar) (3*500)	1500	1500	602	618	15.56	648	16.14	-0.58
	Dadri GPS (4*130.19+2*154.51)	830	635	451	572	12.01	500	12.40	-0.40
	Anta GPS (3*88.71+1*153.2)	419	419	212	202	4.91	205	5.68	-0.77
	Auraiya GPS (4*111.19+2*109.30)	663	655	204	300	5.78	241	5.92	-0.14
	Dadri Solar	5	0	0	0	0.00	0	0.02	-0.02
	Unchahar Solar	10	1	0	0	0.00	0	0.03	-0.03
	Singrauli Solar	15	1	0	0	0.00	0	0.03	-0.03
	Sub Total (A)	12112	10655	7037	6686	165	6864	167	-2
B. NPC	NAPS (2*220)	440	198	222	223	4.77	199	4.75	0.02
	RAPS- B (2*220)	440	394	435	438	9.39	391	9.46	-0.06
	RAPS- C (2*220)	440	410	453	456	9.83	410	9.84	-0.01
	Sub Total (B)	1320	1002	1110	1117	24.00	1000	24.05	-0.05
C. NHPC	Chamera I HPS (3*180)	540	540	539	0	17.72	738	1.62	16.10
	Chamera II HPS (3*100)	300	200	202	0	1.48	62	1.40	0.08
	Chamera III HPS (3*77)	231	229	225	0	0.92	38	0.85	0.07
	Bairasuli HPS(3*60)	180	122	123	0	0.55	23	0.50	0.04
	Salal-HPS (6*115)	690	161	338	146	4.70	196	3.89	0.81
	Tanakpur-HPS (3*40)	94	27	36	28	0.78	32	0.66	0.12
	Uri-I HPS (4*120)	480	290	347	246	7.45	311	6.99	0.46
	Uri-II HPS (4*60)	240	170	127	177	4.25	177	4.08	0.18
	Dhauliganga-HPS (4*70)	280	210	138	0	1.37	57	1.19	0.18
	Dulhasti-HPS (3*130)	390	387	397	0	3.98	166	3.80	0.18
	Sewa-II HPS (3*40)	120	119	124	0	0.47	19	0.37	0.09
	Parbati 3 (4*130)	520	149	131	0	0.81	34	0.55	0.25
	Sub Total (C)	4065	2604	2727	596	44	1853	26	19
	D.SJVNL	NJPC (6*250)	1500	1605	1605	0	9.37	390	9.17
Rampur HEP (6*68.67)		412	432	432	0	2.67	111	2.54	0.13
Sub Total (D)		1912	2037	2037	0	12.04	502	11.71	0.33
E. THDC	Tehri HPS (4*250)	1000	1048	1038	0	6.43	268	6.20	0.23
	Koteshwar HPS (4*100)	400	92	103	91	2.25	94	2.20	0.05
	Sub Total (E)	1400	1140	1141	91	8.68	362	8.40	0.28
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	599	1049	375	14.43	601	14.38	0.05
	Dehar HPS (6*165)	990	139	495	0	3.33	139	3.34	0.00
	Pong HPS (6*66)	396	297	318	252	7.12	296	7.12	0.00
	Sub Total (F)	2765	1035	1862	627	24.88	1037	24.83	0.05
	G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	108	0	0.62	26	0.60
KARCHAM WANGTOO HPS(IPP) (4*250)		1000	0	880	0	5.60	233	5.52	0.08
Malana Stg-II HPS (2*50)		100	0	0	0	0.00	0	0.00	0.00
Shree Cement TPS (2*150)		300	0	113	109	2.65	111	2.68	-0.02
Budhil HPS(IPP) (2*35)		70	0	75	0	0.23	10	0.23	0.00
Sub Total (G)		1662	0	1176	109	9.11	380	9.02	0.09
H. Total Regional Entities (A-G)	25237	18472	17089	9227	287.90	11996	270.51	17.38	

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	3.82	159	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	90	85	2.03	84	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	0	0	-0.13	-5	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	355	350	11.15	464	
	Talwandi Saboo (2*660)	1320	674	674	17.36	724	
	Thermal (Total)	5360	1279	1269	34.22	1426	
	Total Hydro	1000	254	232	6.97	290	
	Total Punjab	6360	1533	1501	41.19	1716	
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
DCRTPP (Yamuna nagar) (2*300)		600	542	456	11.33	472	
Faridabad GPS (NTPC)		432	199	156	4.57	190	
RGTPP (khedar) (IPP) (2*600)		1200	1135	777	19.73	822	
Magnum Diesel (IPP)		25	0	0	0.00	0	
Jhajjar(CLP) (2*660)		1320	376	373	9.32	388	
Thermal (Total)		4944	2252	1762	44.94	1873	
Total Hydro		62	8	15	0.31	13	
Total Haryana		5006	2260	1777	45.25	1885	
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	916	1009	23.95	998
	suratgarh TPS (6*250)	1500	428	400	9.98	416	
	Chabra TPS (4*250)	1000	408	411	9.84	410	
	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	196	195	4.79	200	
	RAPS A (NPC) (1*100+1*200)	300	159	160	3.95	165	
	Barsingar (NLC) (2*125)	250	93	93	2.13	89	
	Giral LTPS (2*125)	250	0	0	0.00	0	
	Rajwest LTPS (IPP) (8*135)	1080	951	930	21.78	907	
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0	
	Kalisindh Thermal(2*600)	1200	482	599	11.90	496	
	Kawai(Adani) (2*660)	1320	977	1087	26.72	1113	
	Thermal (Total)	8876	4610	4884	115	4794	
	Total Hydro	550	183	180	4.40	184	
	Wind power	3214	559	294	11.79	491	
	Biomass	99	22	22	0.53	22	
	Solar	730	0	0	0.00	0	
	Renewable/Others (Total)	4043	581	316	12.32	513	
	Total Rajasthan	13469	5374	5380	131.77	5490	
	UP	Anpara TPS (3*210+2*500)	1630	1413	1377	33.10	1379
Obra TPS (2*50+2*94+5*200)		1194	402	384	9.70	404	
Paricha TPS (2*110+2*220+2*250)		1140	633	583	15.10	629	
Panki TPS (2*105)		210	0	68	0.90	38	
Harduaganj TPS (1*60+1*105+2*250)		665	384	450	8.70	363	
Tanda TPS (NTPC) (4*110)		440	282	386	7.30	304	
Roza TPS (IPP) (4*300)		1200	239	275	5.70	238	
Anpara-C (IPP) (2*600)		1200	1086	1077	25.90	1079	
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	58	57	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	4497	4657	108	4500	
Vishnuparyag HPS (IPP)(4*110)		440	108	108	2.60	108	
Alaknanda(4*82.5)		330	66	73	1.60	67	
Other Hydro		527	23	25	1.30	54	
Cogeneration		981	200	200	4.80	200	
Total UP		12227	4894	5063	118	4929	
Uttarakhand		Total Hydro	1398	439	136	6.05	252
		Total Uttarakhand	1398	439	136	6.05	252
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0	
	Delhi Gas Turbine (6x30 + 3x34)	282	40	40	0.93	39	
	Pragati Gas Turbine (2x104+ 1x122)	330	153	155	3.74	156	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	250	252	6.05	252	
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	3.54	147	
	Thermal (Total)	2917	608	612	14.26	594	
	Total Delhi	2917	608	612	14.26	594	
HP	Baspa HPS (IPP) (3*100)	300	0	28	1.31	55	
	Malana HPS (IPP) (2*43)	86	45	0	0.31	13	
	Other Hydro	878	190	83	3.19	133	
	Total HP	1264	235	111	4.81	201	
J & K	Baglihar HPS (IPP) (3*150)	450	230	230	5.56	232	
	Other Hydro/IPP	560	99	99	2.34	98	
	Gas/Diesel/Others	190	0	0	0.00	0	
	Total J & K	1200	329	329	7.90	329	
Total State Control Area Generation		43841	15672	14909	369.53	15397	
J. Net Inter Regional Exchange [(Import +ve)/Export (-ve)]			4988.29	5114.44	163.55	6815	
Total Regional Availability(Gross)		69078	37749	29250	820.98	34208	

IV. Total Hydro Generation:

Regional Entities Hydro	12234	9174	1315	99.84	4160
State Control Area Hydro	6581	1645	1209	36	1498
Total Regional Hydro	18815	10819	2524	135.78	5658

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	
Vindhyachal(HVDC B/B)	-50		-300		100	300	0.37	3.06	-2.69
765 KV Gwalior-Agra (D/C)	2227		2408		3112	0	63.32	0.00	63.32
400 KV Zerda-Kankroli	-156		-168		19	245	0.00	2.95	-2.95
400 KV Zerda-Bhinmal	-122		-80		89	224	0.00	1.53	-1.53
220 KV Auraiya-Malanpur	-76		-96		0	115	0.00	1.54	-1.54
220 KV Badod-Kota/Morak	-68		-87		0	146	0.00	2.26	-2.26
Mundra-Mohindergarh(HVDC Bipole)	2497		2197		2521	0	57.41	0.00	57.41
400 KV Vindhyachal - Rihand	0		0		0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	924		867		1410	0	25.47	0.00	25.47
Sub Total WR	5176		4741				146.57	11.34	135.23
Pusaulli Bypass/HVDC	-436		-308		0	465	0.00	7.44	-7.44
400 KV MZP -GKP (D/C)	96		370		504	24	7.17	0.00	7.17
400 KV Patna-Balia(D/C) X 2	338		394		616	0	10.94	0.00	10.94
400 KV B'Sharif-Balia (D/C)	69		192		345	0	4.87	0.00	4.87
765 KV Gaya-Balia	173		187		289	0	2.53	0.00	2.53
765 KV Gaya-Fatehpur	110		157		404	0	5.67	0.00	5.67
220 KV Pusaulli-Sahupuri	159		100		199	0	3.04	0.00	3.04
132 KV K'nasa-Sahupuri	0		0		0	0	0.48	0.00	0.48
132 KV Son Ngr-Rihand	-36		-27		0	40	0.00	0.63	-0.63
132 KV Garhwa-Rihand	0		0		0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	120		144		378	0	5.38	0.00	5.38
400 KV Barh -GKP (D/C)	-280		-336		448	0	8.11	0.00	8.11
Sub Total ER	312		873				48.18	8.07	40.11
+/- 800 KV BiswanathCharialli-Agra	-500		-500		0	500	0.00	11.79	-11.79
Sub Total NER	-500		-500				0.00	11.79	-11.79
Total IR Exch	4988		5114				194.75	31.19	163.55

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
25.74	0.81	26.55	4.17	-13.39	7.36	30.12	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	
43.97	116.03	160.00	28.33	135.23	163.55	-15.64	19.20	3.56	

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	-31		-30		0	34	0	1	-0.74

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	0.05	1.44	14.50	55.47	67.25	14.59	3.70	0.02	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					
50.20	18.01	49.69	17.43	49.98	0.060	0.076	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	506.89	1396.66	503.72	1258.87	164.46	406.91
Pong	426.72	384.05	416.04	718.14	410.67	514.41	66.37	438.37
Tehri	829.79	740.04	812.75	860.00	819.10	982.26	61.68	149.00
Koteshwar	612.50	598.50	610.61	4.90	609.82	4.44	149.00	148.20
Chamera-I	760.00	748.75	759.09	0.00	0.00	0.00	57.48	47.81
Rihand	268.22	252.98	0.00	0.00	0.00	0.00	0.00	0.00
RPS	352.80	343.81	1137.78	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	506.58	1.04	509.58	1.86	70.65	20.02

* 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	284	0	-12.55	6.76	-5.79
Delhi	-887	10	0	-547	671	0	-15.33	12.17	-3.16
Haryana	-273	122	0	-469	267	0	-7.68	4.99	-2.69
HP	152	61	0	245	-503	0	6.01	-2.38	3.63
J&K	427	-10	0	411	-111	0	9.88	-1.19	8.69
CHD	-30	0	0	0	0	0	-0.24	-0.12	-0.36
Rajasthan	-6	634	2	-6	93	2	9.21	12.87	22.08
UP	109	0	0	-273	0	0	-3.70	0.00	-3.70
Uttarakhand	194	203	0	194	227	0	4.66	7.74	12.40
Total	-984	1306	2	-1041	929	2	-9.76	40.85	31.09

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-193	-670	310	207	0	0
Delhi	-543	-887	1044	-20	0	0
Haryana	-259	-469	298	-120	0	0
HP	318	152	61	-710	0	0
J&K	427	391	0	-171	0	0
CHD	0	-30	10	-76	0	0
Rajasthan	713	-6	1183	-505	2	2
UP	156	-319	0	0	0	0
Uttarakhand	194	194	501	177	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 26.11.2015 :
Normal.

XIV. Synchronisation of new generating units :

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

1. (105*3)315 MVA 400/220/33 KV ICT and its associated 400 kV and Tie Bay at HVDC Agra first time charged at 18.37 Hrs on 25.11.2015.
2. 240 MVAR 765 Kv bus Reactor 2 at Jhatikara (PGCIL) first time charged at 18.18 Hrs on 25.11.2015

XVI. Tripping of lines in pooling stations :

XVII. Complete generation loss in a generating station :