पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 25.12.2015
Date of Reporting : 26.12.2015

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
41090	1369	42459	50.11	30325	313	30638	50.14	863.0	34.91

* 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	Actual Drawal	UI	Consumption	Shortages *
	Thermal	Hydro	Renewable/others $	Total	(Net MU)	(Net MU)	(Net MU)	(Net MU)	(MU)
Punjab	47.65	12.04		59.69	38.46	38.30	-0.16	97.99	0.00
Haryana	52.96	0.38		53.34	64.60	62.46	-2.14	115.80	0.00
Rajasthan	135.93	4.51	6.11	146.54	75.42	76.64	1.22	223.18	0.00
Delhi	13.94			13.94	50.16	49.74	-0.42	63.68	0.05
UP	146.88	3.76		150.64	98.93	99.12	0.19	249.76	23.11
Uttarakhand		9.63		9.63	24.58	26.56	1.98	36.19	1.12
HP		3.75		3.75	23.39	23.98	0.59	27.73	0.02
J & K		7.60	0.00	7.60	37.28	37.47	0.19	45.07	10.61
Chandigarh				0.00	3.56	3.56	0.27	3.56	0.00
Total	**397.35**	**41.67**	**6.11**	**445.13**	**416.39**	**417.83**	**1.71**	**862.97**	**34.91**

* 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	4324	0	-82	-825	2909	0	89	-394	5414
Haryana	6358	0	-236	-79	3428	0	-130	-23	6358
Rajasthan	9787	0	-103	671	8470	0	117	695	10313
Delhi	3289	0	-88	90	1555	0	-14	-1008	3872
UP	11991	795	-176	-330	10023	0	79	119	11991
Uttarakhand	1763	75	-37	455	1226	0	30	368	1949
HP	1386	0	-28	475	851	0	54	380	1488
J&K	1994	499	-95	807	1773	313	32	641	1994
Chandigarh	198	0	-5	0	90	0	0	-31	206
Total	**41090**	**1369**	**-850**	**1265**	**30325**	**313**	**257**	**747**	**41090**

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

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III. Regional Entities :

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

	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	1833	1816	1539	40.94	1706	40.78	0.15
	Rihand I STPS (2*500)	1000	876	936	684	18.40	767	18.62	-0.22
	Rihand II STPS (2*500)	1000	962	851	728	19.76	823	19.74	0.02
	Rihand III STPS (2*500)	1000	973	825	697	20.14	839	20.62	-0.48
	Dadri I STPS (4*210)	840	810	282	265	7.03	293	7.26	-0.23
	Dadri II STPS (2*490)	980	980	355	328	8.52	355	9.06	-0.54
	Unchahar I TPS (2*210)	420	406	318	287	7.10	296	7.81	-0.71
	Unchahar II TPS (2*210)	420	404	273	279	6.68	278	7.27	-0.59
	Unchahar III TPS (1*220)	210	202	128	145	3.23	135	3.63	-0.41
	ISTPP (Jhajjhar) (3*500)	1500	1500	615	629	14.24	593	14.56	-0.33
	Dadri GPS (4*130.19+2*154.51)	830	814	240	359	7.55	315	7.90	-0.35
	Anta GPS (3*88.71+1*153.2)	419	420	220	228	4.99	208	5.11	-0.13
	Auraiya GPS (4*111.19+2*109.30)	663	660	245	300	6.05	252	6.15	-0.10
	Dadri Solar	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar	10	1	0	0	0.02	1	0.02	0.00
	Singrauli Solar	15	1	0	0	0.05	2	0.03	0.02
	KHEP	800	870	574	0	2.44	102	2.61	-0.17
	Sub Total (A)	**12112**	**11712**	**7678**	**6468**	**167**	**6965**	**171**	**-4**
B. NPC	NAPS (2*220)	440	293	402	343	7.81	325	7.03	0.78
	RAPS- B (2*220)	440	403	447	449	9.72	405	9.67	0.05
	RAPS- C (2*220)	440	425	459	460	10.00	417	10.20	-0.20
	Sub Total (B)	**1320**	**1121**	**1308**	**1252**	**27.53**	**1147**	**26.90**	**0.63**
C. NHPC	Chamera I HPS (3*180)	540	540	501	0	1.84	77	1.62	0.22
	Chamera II HPS (3*100)	300	300	301	0	1.32	55	1.30	0.02
	Chamera III HPS (3*77)	231	154	158	0	0.76	32	0.70	0.06
	Bairasuil HPS(3*60)	180	124	124	0	0.49	20	0.43	0.05
	Salal-HPS (6*115)	690	165	230	143	4.53	189	3.93	0.60
	Tanakpur-HPS (3*40)	94	22	30	22	0.56	23	0.53	0.03
	Uri-I HPS (4*120)	480	204	216	215	5.17	215	4.89	0.28
	Uri-II HPS (4*60)	240	125	169	124	3.03	126	2.99	0.04
	Dhauliganga-HPS (4*70)	280	210	205	0	0.85	35	0.77	0.08
	Dulhasti-HPS (3*130)	390	258	268	0	3.04	127	3.00	0.04
	Sewa-II HPS (3*40)	120	119	122	0	0.35	15	0.37	-0.01
	Parbati 3 (4*130)	520	0	0	0	0.81	34	0.00	0.81
	Sub Total (C)	**4065**	**2221**	**2325**	**504**	**23**	**948**	**21**	**2**
D.SJVNL	NJPC (6*250)	1500	1605	1255	0	6.90	287	6.79	0.11
	Rampur HEP (6*68.67)	412	344	362	0	1.90	79	1.80	0.10
	Sub Total (D)	**1912**	**1949**	**1617**	**0**	**8.80**	**367**	**8.59**	**0.21**
E. THDC	Tehri HPS (4*250)	1000	992	979	0	8.07	336	7.90	0.17
	Koteshwar HPS (4*100)	400	125	302	90	3.01	125	3.01	0.00
	Sub Total (E)	**1400**	**1117**	**1281**	**90**	**11.08**	**462**	**10.91**	**0.17**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	668	1200	369	16.08	670	16.03	0.05
	Dehar HPS (6*165)	990	137	495	0	3.30	137	3.28	0.02
	Pong HPS (6*66)	396	264	324	60	6.38	266	6.35	0.03
	Sub Total (F)	**2765**	**1069**	**2019**	**429**	**25.76**	**1073**	**25.66**	**0.10**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	65	0	0.51	21	0.49	0.02
	KARCHAM WANGTOO HPS(IPP) (4*250	1000	0	630	0	3.72	155	3.72	0.00
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	258	186	5.70	238	5.79	-0.09
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.19	8	0.19	0.00
	Sub Total (G)	1662	0	991	186	10.12	422	10.19	-0.07
H. Total Regional Entities (A-G)		**25237**	**19189**	**17218**	**8929**	**273.18**	**11383**	**273.98**	**-0.79**

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	0	0	-0.18	-7
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	-0.02	-1
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	420	408	9.89	412
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	710	705	22.02	917
	Talwandi Saboo (2*660)	1320	333	683	15.94	664
	Thermal (Total)	**5360**	**1463**	**1796**	**47.65**	**1985**
	Total Hydro	1000	468	530	12.04	502
	Total Punjab	**6360**	**1931**	**2326**	**59.69**	**2487**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	550	462	11.97	499
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (khedar) (IPP) (2*600)	1200	1137	782	19.56	815
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1109	739	21.43	893
	Thermal (Total)	**4944**	**2796**	**1983**	**52.96**	**2207**
	Total Hydro	62	10	21	0.38	16
	Total Haryana	**5006**	**2806**	**2004**	**53.34**	**2222**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	845	847	21.02	876
	suratgarh TPS (6*250)	1500	578	572	14.05	586
	Chabra TPS (4*250)	1000	550	563	14.05	585
	Dholpur GPS (3*110)	330	94	96	2.55	106
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	214	216	5.34	223
	RAPS A (NPC) (1*100+1*200)	300	163	166	4.04	168
	Barsingsar (NLC) (2*125)	250	77	76	1.66	69
	Giral LTPS (2*125)	250	70	74	1.14	48
	Rajwest LTPS (IPP) (8*135)	1080	979	975	22.88	954
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	975	864	23.61	984
	Kawai(Adani) (2*660)	1320	1030	863	25.58	1066
	Thermal (Total)	**8876**	**5575**	**5312**	**136**	**5664**
	Total Hydro	550	193	247	4.51	188
	Wind power	3214	22	133	2.94	123
	Biomass	99	20	20	0.47	20
	Solar	730	0	0	2.69	112
	Renewable/Others (Total)	4043	42	153	6.11	255
	Total Rajasthan	**13469**	**5810**	**5712**	**146.54**	**6106**
UP	Anpara TPS (3*210+2*500)	1630	1377	1391	33.00	1375
	Obra TPS (2*50+2*94+5*200)	1194	349	482	10.20	425
	Paricha TPS (2*110+2*220+2*250)	1140	995	761	21.20	883
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	446	386	9.90	413
	Tanda TPS (NTPC) (4*110)	440	386	280	7.92	330
	Roza TPS (IPP) (4*300)	1200	550	378	10.73	447
	Anpara-C (IPP) (2*600)	1200	1080	810	22.98	957
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	0	0.00	0
	Anpara-D(1*500)	500	0	0	0.00	0
	Lalitpur TPS(1*660)	660	313	151	5.22	218
	Bara(1*660)	660	446	238	6.54	273
	Thermal (Total)	**9949**	**5942**	**4877**	**128**	**5320**
	Vishnuparyag HPS (IPP)(4*110)	440	82	80	1.95	81
	Alaknanada(4*82.5)	330	46	49	1.05	44
	Other Hydro	527	58	21	0.77	32
	Cogeneration	981	800	800	19.20	800
	Total UP	**12227**	**6928**	**5827**	**151**	**6277**
Uttarakhand	Total Hydro	1398	546	328	9.63	401
	Total Uttarakhand	**1398**	**546**	**328**	**9.63**	**401**
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	33	34	0.91	38
	Pragati Gas Turbine (2x104+ 1x122)	330	141	140	3.37	140
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	253	250	6.09	254
	Badarpur TPS (NTPC) (3*95+2*210)	705	167	164	3.57	149
	Thermal (Total)	2917	594	588	13.94	581
	Total Delhi	**2917**	**594**	**588**	**13.94**	**581**
HP	Baspa HPS (IPP) (3*100)	300	0	0	0.97	40
	Malana HPS (IPP) (2*43)	86	37	0	0.21	9
	Other Hydro	878	133	66	2.58	107
	Total HP	**1264**	**170**	**66**	**3.75**	**156**
J & K	Baglihar HPS (IPP) (3*150)	450	232	231	5.47	228
	Other Hydro/IPP	560	111	80	2.13	89
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**343**	**311**	**7.60**	317
Total State Control Area Generation		**43841**	**19128**	**17162**	**445.13**	**18547**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**7880**	**6272**	**171.26**	**7136**
Total Regional Availability(Gross)		**69078**	**44226**	**32363**	**889.58**	**37066**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**8511**	**1023**	**75.05**	**3127**
State Control Area Hydro	**6581**	**1916**	**1653**	**42**	**1736**
Total Regional Hydro	**18815**	**10427**	**2676**	**116.72**	**4863**

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

Element	Peak(19:00 Hrs) MW	Off Peak(03:00 Hrs) MW	Maximum Interchange (MW) Import	Maximum Interchange (MW) Export	Energy (MU) Import	Energy (MU) Export	Net Energy MU
Vindhychal(HVDC B/B)	500	500	500	0	10.34	0.00	10.34
765 KV Gwalior-Agra (D/C)	2946	2315	3210	0	67.12	0.00	67.12
400 KV Zerda-Kankroli	-47	-237	0	242	0.00	3.00	-3.00
400 KV Zerda-Bhinmal	26	-173	103	198	0.00	1.21	-1.21
220 KV Auraiya-Malanpur	-42	-69	0	108	0.00	1.54	-1.54
220 KV Badod-Kota/Morak	-15	-55	0	56	0.00	0.28	-0.28
Mundra-Mohindergarh(HVDC Bipole)	2497	2503	2515	0	60.46	0.00	60.46
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	1014	666	1149	0	22.25	0.00	22.25
Sub Total WR	**6879**	**5450**			**160.17**	**6.03**	**154.14**
Pusauli Bypass/HVDC	400	400	400	0	8.95	0.00	8.95
400 KV MZP- GKP (D/C)	362	7	49	362	0.00	2.96	-2.96
400 KV Patna-Balia(D/C) X 2	309	338	472	0	8.47	0.00	8.47
400 KV B'Sharif-Balia (D/C)	-119	-18	46	178	0.00	1.38	-1.38
765 KV Gaya-Balia	129	170	272	0	2.02	0.00	2.02
765 KV Gaya-Fatehpur	123	66	313	0	3.67	0.00	3.67
220 KV Pusauli-Sahupuri	132	175	202	0	3.78	0.00	3.78
132 KV K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48
132 KV Son Ngr-Rihand	-26	-25	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	-161	-147	85	280	0.00	2.15	-2.15
400 KV Barh -GKP (D/C)	352	356	444	0	8.85	0.00	8.85
Sub Total ER	**1501**	**1322**			**36.22**	**7.08**	**29.14**
+/- 800 KV BiswanathCharialli-Agra	-500	-500	0	500	0.00	12.01	-12.01
Sub Total NER	**-500**	**-500**			**0.00**	**12.01**	**-12.01**
Total IR Exch	**7880**	**6272**			**196.39**	**25.13**	**171.26**

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	Through ER	Through WR	Through ER	Through WR
30.12	0.37	30.49	1.82	-12.39	3.52	38.99	6.03	-6.03

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
41.86	126.85	168.71	17.12	154.14	171.26	-24.74	27.29	2.55

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

Element	Peak(19:00 Hrs) MW	Off Peak(03:00 Hrs) MW	Maximum Interchange (MW) Import	Maximum Interchange (MW) Export	Energy (MU) Import	Energy (MU) Export	Net Energy MU
132 KV Tanakpur - Mahendarnagar	-31	-25	0	34	0	1	-0.75

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	0.24	4.29	38.79	64.61	19.58	10.81	0.80	NA

<---------- Frequency (Hz) ---------->				Average Frequency	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum		Minimum					MAX	MIN	
Freq	Time	Freq	Time	Hz			(Hz)	(Hz)	
50.28	18.02	49.77	8.51	50.02	0.055	0.072	50.26	49.97	35.39

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum Voltage(KV)	Maximum Time	Minimum Voltage (KV)	Minimum Time	Voltage (in % of Time) <380 kV	<390 kV	>420 kV	>430 kV	Voltage Deviation Index (% of Time)
Rihand	400	400	02:59	392	19:25	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	422	05:09	400	17:38	0.0	0.0	1.6	0.0	1.6
Bareilly(PG)400kV	400	421	04:03	397	14:39	0.0	0.0	0.4	0.0	0.4
Kanpur	400	411	03:01	396	10:13	0.0	0.0	0.0	0.0	0.0
Dadri	400	425	02:56	400	10:16	0.0	0.0	17.9	0.0	17.9
Ballabhgarh	400	432	02:58	402	10:11	0.0	0.0	35.9	4.1	35.9
Bawana	400	428	02:56	403	10:10	0.0	0.0	28.8	0.0	28.8
Bassi	400	426	05:01	390	09:32	0.0	0.0	12.7	0.0	12.7
Hissar	400	422	04:03	396	10:17	0.0	0.0	0.6	0.0	0.6
Moga	400	420	02:56	398	11:21	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	425	02:03	403	11:20	0.0	0.0	22.0	0.0	22.0
Nalagarh	400	433	02:00	404	11:30	0.0	0.0	43.0	5.8	43.0
Kishenpur	400	425	03:45	394	11:22	0.0	0.0	11.5	0.0	11.5
Wagoora	400	401	03:59	366	11:21	54.5	77.3	0.0	0.0	54.5
Amritsar	400	428	03:45	404	10:11	0.0	0.0	38.7	0.0	38.7
Kashipur	400	422	04:03	410	14:24	0.0	0.0	7.1	0.0	7.1
Hamirpur	400	424	03:27	394	00:00	0.0	0.0	16.9	0.0	16.9
Rishikesh	400	419	04:03	390	14:39	0.0	0.0	0.0	0.0	0.0

VIII. Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum Voltage(KV)	Maximum Time	Minimum Voltage (KV)	Minimum Time	Voltage (in % of Time) <728 kV	<742 kV	>800 kV	>820 kV	Voltage Deviation Index (% of Time)
Fatehpur	765	771	04:03	730	10:17	0.0	9.7	0.0	0.0	0.0
Balia	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0	0.0
Moga	765	798	04:01	760	10:16	0.0	0.0	0.0	0.0	0.0
Agra	765	793	04:02	740	10:16	0.0	0.5	0.0	0.0	0.0
Bhiwani	765	804	02:03	759	09:32	0.0	0.0	14.0	0.0	14.0
Unnao	765	774	04:02	728	10:15	0.0	32.7	0.0	0.0	0.0
Lucknow	765	793	04:03	749	10:17	0.0	0.0	0.0	0.0	0.0
Meerut	765	804	04:03	761	09:33	0.0	0.0	6.7	0.0	6.7
Jhatikara	765	811	02:18	769	09:11	0.0	0.0	50.8	0.0	50.8
Bareilly 765 kV	765	792	04:03	748	14:55	0.0	0.0	0.0	0.0	0.0
Anta	765	785	05:01	755	09:20	0.0	0.0	0.0	0.0	0.0
Phagi	765	795	05:04	740	09:35	0.0	1.3	0.0	0.0	0.0

IX. Reservior Parameters:

Name of Reservior	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	502.08	1179.55	498.85	1053.16	187.91	486.51
Pong	426.72	384.05	412.05	566.84	406.38	379.44	81.55	408.27
Tehri	829.79	740.04	804.85	704.00	811.95	842.00	37.08	207.00
Koteshwar	612.50	598.50	610.70	4.95	610.35	4.95	207.00	198.10
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	53.13	49.61
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	499.77	4.14	507.24	2.04	67.80	188.80

*** 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	-757	363	0	-1118	294	0	-19.24	7.68	-11.55
Delhi	-1004	-5	0	-580	669	0	-15.90	8.48	-7.42
Haryana	-337	314	0	-362	284	0	-8.57	6.77	-1.79
HP	168	211	0	425	50	0	9.88	0.50	10.37
J&K	641	0	0	625	182	0	14.45	0.49	14.94
CHD	-31	0	0	0	0	0	-0.24	-0.01	-0.25
Rajasthan	-7	700	2	-7	676	2	8.53	16.05	24.58
UP	119	0	0	-330	0	0	-4.65	0.00	-4.65
Uttarakhand	193	176	0	224	232	0	4.78	5.92	10.70
Total	**-1015**	**1759**	**2**	**-1124**	**2386**	**2**	**-10.96**	**45.88**	**34.92**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-709	-1118	363	231	0	0
Delhi	-367	-1004	919	-125	0	0
Haryana	-337	-362	314	68	0	0
HP	588	137	211	-534	0	0
J&K	703	474	207	-102	0	0
CHD	0	-31	20	-41	0	0
Rajasthan	726	-7	897	212	2	2
UP	145	-462	0	0	0	0
Uttarakhand	224	193	418	135	0	0

XI. System Reliability Indices:

(i)%age of times N-1 Criteria was violated in the inter - regional corridors
0.00 %
(ii)%age of times ATC violated on the inter-regional corridors
0.00 %

XII.System Constraints:

XIII. Grid Disturbance / Any Other Significant Event:

XIV. Weather Conditions For 25.12.2015 :
Normal.

XV. Synchronisation of new generating units :

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

XVII. Tripping of lines in pooling stations :

XVIII. Complete generation loss in a generating station :

Report for : 25.12.2015

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER