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 08.12.2015
Date of Reporting : 09.12.2015

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
39184	1747	40931	49.94	28959	415	29374	50.08	804.2	37.17

* 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:

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	45.33	11.24		56.57	48.15	47.18	-0.97	103.75	0.00
Haryana	47.44	0.43		47.87	63.27	61.78	-1.49	109.65	0.00
Rajasthan	119.85	4.14	4.40	128.38	77.44	79.32	1.88	207.70	0.00
Delhi	14.14			14.14	43.38	44.38	1.00	58.52	0.03
UP	113.16	4.62		117.78	104.77	103.73	-1.04	221.51	26.54
Uttarakhand		6.68		6.68	24.62	26.95	2.33	33.63	0.84
HP		4.49		4.49	20.07	20.10	0.04	24.59	0.00
J & K		5.29	0.00	5.29	34.31	36.18	1.87	41.47	9.77
Chandigarh				0.00	3.56	3.41	0.27	3.41	0.00
Total	**339.92**	**36.88**	**4.40**	**381.20**	**419.58**	**423.04**	**3.88**	**804.24**	**37.17**

* 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	4766	0	-135	-562	3181	0	-135	-184	5264
Haryana	6064	0	-55	-56	3465	0	-44	-20	6064
Rajasthan	9306	0	-18	515	8329	0	34	680	9870
Delhi	3154	0	47	-210	1521	0	69	-1075	3154
UP	10860	1200	-142	-139	8858	130	113	114	10860
Uttarakhand	1719	75	76	351	1144	0	88	388	1759
HP	1241	0	-82	253	761	0	82	212	1335
J&K	1890	472	182	530	1615	285	32	645	1890
Chandigarh	184	0	-14	0	85	0	-4	-30	184
Total	**39184**	**1747**	**-141**	**681**	**28959**	**415**	**235**	**729**	**39184**

* 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 :

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	1799	2065	1672	42.89	1787	42.07	0.81
	Rihand I STPS (2*500)	1000	866	845	742	18.96	790	18.56	0.39
	Rihand II STPS (2*500)	1000	948	997	726	20.47	853	19.87	0.61
	Rihand III STPS (2*500)	1000	973	977	738	21.09	879	20.91	0.19
	Dadri I STPS (4*210)	840	610	302	275	6.88	287	7.06	-0.18
	Dadri II STPS (2*490)	980	980	394	345	8.37	349	8.75	-0.38
	Unchahar I TPS (2*210)	420	406	343	289	7.30	304	7.57	-0.27
	Unchahar II TPS (2*210)	420	404	320	263	6.86	286	6.98	-0.13
	Unchahar III TPS (1*220)	210	202	143	128	3.33	139	3.53	-0.20
	ISTPP (Jhajjhar) (3*500)	1500	1500	717	623	14.19	591	14.39	-0.21
	Dadri GPS (4*130.19+2*154.51)	830	561	594	584	13.84	576	14.32	-0.48
	Anta GPS (3*88.71+1*153.2)	419	415	365	255	7.02	292	7.15	-0.13
	Auraiya GPS (4*111.19+2*109.30)	663	659	301	297	6.94	289	7.03	-0.09
	Dadri Solar	5	1	0	0	0.00	0	0.01	-0.01
	Unchahar Solar	10	1	0	0	0.00	0	0.01	-0.01
	Singrauli Solar	15	2	0	0	0.00	0	0.06	-0.06
	KHEP	800	655	632	0	2.69	112	2.50	0.19
	Sub Total (A)	**12112**	**10981**	**8995**	**6937**	**181**	**7534**	**181**	**0**
B. NPC	NAPS (2*220)	440	196	225	226	4.81	201	4.70	0.11
	RAPS- B (2*220)	440	393	437	440	9.48	395	9.43	0.05
	RAPS- C (2*220)	440	418	457	455	10.18	424	10.03	0.15
	Sub Total (B)	**1320**	**1007**	**1119**	**1121**	**24.48**	**1020**	**24.17**	**0.31**
C. NHPC	Chamera I HPS (3*180)	540	540	553	0	1.88	78	1.61	0.27
	Chamera II HPS (3*100)	300	300	297	0	1.42	59	1.30	0.12
	Chamera III HPS (3*77)	231	154	160	0	0.83	35	0.75	0.09
	Bairasuil HPS(3*60)	180	146	61	0	0.56	24	0.53	0.03
	Salal-HPS (6*115)	690	101	205	32	2.92	122	2.43	0.49
	Tanakpur-HPS (3*40)	94	22	31	32	0.70	29	0.53	0.17
	Uri-I HPS (4*120)	480	204	324	223	5.28	220	4.88	0.40
	Uri-II HPS (4*60)	240	121	80	123	3.06	127	2.91	0.15
	Dhauliganga-HPS (4*70)	280	140	142	0	1.18	49	0.99	0.18
	Dulhasti-HPS (3*130)	390	387	403	0	3.55	148	3.40	0.15
	Sewa-II HPS (3*40)	120	0	0	0	0.00	0	0.00	0.00
	Parbati 3 (4*130)	520	130	0	0	0.81	34	0.39	0.42
	Sub Total (C)	**4065**	**2244**	**2255**	**409**	**22**	**924**	**20**	**2**
D.SJVNL	NJPC (6*250)	1500	1605	1581	0	9.11	380	8.89	0.22
	Rampur HEP (6*68.67)	412	370	373	0	2.45	102	2.36	0.09
	Sub Total (D)	**1912**	**1975**	**1954**	**0**	**11.56**	**482**	**11.25**	**0.31**
E. THDC	Tehri HPS (4*250)	1000	1024	1023	0	6.09	254	5.80	0.29
	Koteshwar HPS (4*100)	400	92	101	91	2.23	93	2.20	0.03
	Sub Total (E)	**1400**	**1116**	**1124**	**91**	**8.32**	**347**	**8.00**	**0.32**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	678	1206	375	16.44	685	16.27	0.17
	Dehar HPS (6*165)	990	142	495	0	3.40	142	3.42	-0.02
	Pong HPS (6*66)	396	250	324	60	6.11	255	6.00	0.11
	Sub Total (F)	**2765**	**1070**	**2025**	**435**	**25.95**	**1081**	**25.69**	**0.27**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	109	0	0.56	23	0.54	0.01
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	630	150	5.05	211	4.93	0.12
	Malana Stg-II HPS (2*50)	100	0	0	0	0.00	0	0.00	0.00
	Shree Cement TPS (2*150)	300	0	223	185	5.34	222	5.47	-0.13
	Budhil HPS(IPP) (2*35)	70	0	38	0	0.20	8	0.02	0.17
	Sub Total (G)	1662	0	999	335	11.15	464	10.96	0.18
H. Total Regional Entities (A-G)		**25237**	**18393**	**18471**	**9328**	**284.45**	**11852**	**280.55**	**3.90**

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	3.72	155
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	121	90	2.31	96
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	200	204	4.76	198
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1075	700	23.96	998
	Talwandi Saboo (2*660)	1320	345	348	10.59	441
	Thermal (Total)	**5360**	**1901**	**1502**	**45.33**	**1889**
	Total Hydro	1000	418	435	11.24	468
	Total Punjab	**6360**	**2319**	**1937**	**56.57**	**2357**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	551	459	11.42	476
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (khedar) (IPP) (2*600)	1200	781	776	16.45	685
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	984	738	19.57	815
	Thermal (Total)	**4944**	**2316**	**1973**	**47.44**	**1977**
	Total Hydro	62	14	16	0.43	18
	Total Haryana	**5006**	**2330**	**1989**	**47.87**	**1995**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	1068	1037	25.55	1065
	suratgarh TPS (6*250)	1500	431	412	10.25	427
	Chabra TPS (4*250)	1000	439	525	11.56	482
	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	209	211	5.07	211
	RAPS A (NPC) (1*100+1*200)	300	159	160	3.97	165
	Barsingsar (NLC) (2*125)	250	94	95	2.13	89
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	960	960	22.91	954
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	599	479	12.13	505
	Kawai(Adani) (2*660)	1320	1204	1150	26.29	1095
	Thermal (Total)	**8876**	**5163**	**5029**	**120**	**4994**
	Total Hydro	550	160	202	4.14	172
	Wind power	3214	25	348	3.67	153
	Biomass	99	20	20	0.48	20
	Solar	730	5	0	0.25	11
	Renewable/Others (Total)	4043	50	368	4.40	183
	Total Rajasthan	**13469**	**5373**	**5599**	**128.38**	**5349**
UP	Anpara TPS (3*210+2*500)	1630	1285	1370	32.21	1342
	Obra TPS (2*50+2*94+5*200)	1194	456	431	10.43	435
	Paricha TPS (2*110+2*220+2*250)	1140	653	576	14.12	589
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	442	317	9.54	398
	Tanda TPS (NTPC) (4*110)	440	188	140	3.68	154
	Roza TPS (IPP) (4*300)	1200	216	194	5.09	212
	Anpara-C (IPP) (2*600)	1200	1077	639	22.32	930
	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	0	0	0.00	0
	Bara(1*660)	660	0	80	1.36	57
	Thermal (Total)	**9949**	**4317**	**3747**	**99**	**4115**
	Vishnuparyag HPS (IPP)(4*110)	440	98	98	2.31	96
	Alaknanada(4*82.5)	330	60	64	1.48	62
	Other Hydro	527	60	37	0.83	35
	Cogeneration	981	600	600	14.40	600
	Total UP	**12227**	**5135**	**4546**	**118**	**4908**
Uttarakhand	Total Hydro	1398	451	173	6.68	278
	Total Uttarakhand	**1398**	**451**	**173**	**6.68**	**278**
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.01	0
	Delhi Gas Turbine (6x30 + 3x34)	282	39	39	0.88	37
	Pragati Gas Turbine (2x104+ 1x122)	330	150	150	3.66	152
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	270	251	6.14	256
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	3.47	144
	Thermal (Total)	2917	624	605	14.14	589
	Total Delhi	**2917**	**624**	**605**	**14.14**	**589**
HP	Baspa HPS (IPP) (3*100)	300	61	30	1.14	48
	Malana HPS (IPP) (2*43)	86	45	0	0.28	12
	Other Hydro	878	160	82	3.07	128
	Total HP	**1264**	**266**	**112**	**4.49**	**187**
J & K	Baglihar HPS (IPP) (3*150)	450	143	150	3.50	146
	Other Hydro/IPP	560	91	59	1.79	75
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**234**	**209**	**5.29**	221
Total State Control Area Generation		**43841**	**16732**	**15170**	**381.20**	**15883**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**5848**	**5910**	**157.48**	**6562**
Total Regional Availability(Gross)		**69078**	**41051**	**30408**	**823.13**	**34297**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**8729**	**1085**	**76.32**	**3180**
State Control Area Hydro	**6581**	**1761**	**1346**	**37**	**1537**
Total Regional Hydro	**18815**	**10490**	**2431**	**113.20**	**4717**

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
	MW	MW	Import	Export	Import	Export	MU
Vindhychal(HVDC B/B)	50	50	200	50	1.43	0.66	0.77
765 KV Gwalior-Agra (D/C)	2824	2516	3205	0	65.01	0.00	65.01
400 KV Zerda-Kankroli	-81	-251	0	293	0.00	3.72	-3.72
400 KV Zerda-Bhinmal	9	-166	105	225	0.00	1.63	-1.63
220 KV Auraiya-Malanpur	-48	-52	0	74	0.00	1.26	-1.26
220 KV Badod-Kota/Morak	-62	-83	0	75	0.00	1.92	-1.92
Mundra-Mohindergarh(HVDC Bipole)	2499	2000	2506	0	55.68	0.00	55.68
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	614	990	684	0	27.01	0.00	27.01
Sub Total WR	**5805**	**5004**			**149.13**	**9.19**	**139.93**
Pusauli Bypass/HVDC	-50	-50	0	50	0.00	1.48	-1.48
400 KV MZP- GKP (D/C)	-206	96	186	470	0.00	0.26	-0.26
400 KV Patna-Balia(D/C) X 2	356	587	613	0	12.08	0.00	12.08
400 KV B'Sharif-Balia (D/C)	-17	136	170	92	1.99	0.00	1.99
765 KV Gaya-Balia	216	305	401	0	3.68	0.00	3.68
765 KV Gaya-Fatehpur	0	0	0	0	0.00	0.00	0.00
220 KV Pusauli-Sahupuri	-158	-105	0	158	0.00	2.88	-2.88
132 KV K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48
132 KV Son Ngr-Rihand	-26	-34	0	34	0.00	0.63	-0.63
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-66	21	307	105	2.22	0.00	2.22
400 KV Barh -GKP (D/C)	494	450	668	0	11.47	0.00	11.47
Sub Total ER	**543**	**1406**			**31.91**	**5.25**	**26.66**
+/- 800 KV BiswanathCharialli-Agra	-500	-500	0	500	0.00	9.12	-9.12
Sub Total NER	**-500**	**-500**			**0.00**	**9.12**	**-9.12**
Total IR Exch	**5848**	**5910**			**181.04**	**23.56**	**157.48**

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
30.69	0.66	31.35	-0.36	-7.52	11.16	25.43	6.03	-6.03

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Incids Mndra	Total	Through ER(including NER)	Through WR	Total	Through ER(including NER)	Through WR	Total
48.18	110.73	158.91	17.54	139.93	157.48	-30.63	29.20	-1.43

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
	MW	MW	Import	Export	Import	Export	MU
132 KV Tanakpur - Mahendarnagar	-29	-31	0	33	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	0.00	1.71	13.58	65.94	75.43	7.86	3.16	0.01	NA

<---------- Frequency (Hz) ---------->				Average	Frequency	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum		Frequency	Variation		MAX	MIN
Freq	Time	Freq	Time	Hz	Index		(Hz)	(Hz)
50.20	13.02	49.74	6.43	49.97	0.056	0.069	50.12	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	23:53	397	11:24	0.0	0.0	0.0	0.0
Gorakhpur	400	418	21:44	405	17:45	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	421	04:31	403	11:21	0.0	0.0	0.1	0.0
Kanpur	400	411	03:01	406	11:21	0.0	0.0	0.5	0.0
Dadri	400	426	02:52	407	11:24	0.0	0.0	33.8	0.0
Ballabhgarh	400	432	02:59	412	11:08	0.0	0.0	59.6	3.6
Bawana	400	431	20:14	410	11:09	0.0	0.0	45.9	0.2
Bassi	400	428	20:17	399	08:15	0.0	0.0	11.6	0.0
Hissar	400	426	20:16	402	11:12	0.0	0.0	10.7	0.0
Moga	400	424	02:49	404	11:10	0.0	0.0	22.0	0.0
Abdullapur	400	432	20:14	407	11:23	0.0	0.0	44.6	0.3
Nalagarh	400	436	20:57	410	11:08	0.0	0.0	48.0	24.9
Kishenpur	400	428	02:40	402	18:22	0.0	0.0	21.2	0.0
Wagoora	400	402	03:01	374	18:13	5.6	53.8	0.0	0.0
Amritsar	400	432	02:16	168	09:33	0.0	0.0	44.4	5.3
Kashipur	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Hamirpur	400	429	02:16	405	11:09	0.0	0.0	52.9	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	776	20:14	745	08:33	0.0	0.0	0.0	0.0
Balia	765	761	00:00	761	00:00	0.0	0.0	0.0	0.0
Moga	765	811	20:14	771	11:12	0.0	0.0	22.3	0.0
Agra	765	796	20:14	759	11:21	0.0	0.0	0.0	0.0
Bhiwani	765	810	20:14	771	11:09	0.0	0.0	23.9	0.0
Unnao	765	788	19:27	746	11:21	0.0	0.0	0.0	0.0
Lucknow	765	787	05:02	762	17:46	0.0	0.0	0.0	0.0
Meerut	765	819	20:14	775	11:23	0.0	0.0	27.2	0.0
Jhatikara	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Bareilly 765 kV	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Anta	765	784	20:12	765	07:37	0.0	0.0	0.0	0.0
Phagi	765	798	20:15	761	07:51	0.0	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	505.29	1325.82	501.58	1166.44	173.61	477.28
Pong	426.72	384.05	414.55	656.23	409.10	464.36	56.04	383.41
Tehri	829.79	740.04	810.10	804.26	816.45	931.25	71.24	143.00
Koteshwar	612.50	598.50	611.20	5.20	609.87	4.44	143.00	147.00
Chamera-I	760.00	748.75	759.50	0.00	0.00	0.00	54.17	50.65
Rihand	268.22	252.98	849.70	250.70	853.30	309.60	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	504.57	4.33	508.89	1.65	67.52	191.26

*** 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	-524	340	0	-849	287	0	-13.30	7.73	-5.57
Delhi	-1046	-29	0	-564	354	0	-17.03	5.50	-11.53
Haryana	-338	318	0	-364	307	0	-8.60	7.68	-0.92
HP	91	121	0	276	-24	0	6.78	-1.05	5.73
J&K	645	0	0	530	0	0	13.52	-0.58	12.93
CHD	-30	0	0	0	0	0	-0.24	0.06	-0.19
Rajasthan	-7	685	2	-7	520	2	8.69	15.46	24.15
UP	114	0	0	-139	0	0	-2.01	0.00	-2.01
Uttarakhand	194	194	0	225	126	0	4.81	6.04	10.85
Total	**-902**	**1628**	**2**	**-892**	**1571**	**2**	**-7.39**	**40.84**	**33.45**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-510	-849	345	250	0	0
Delhi	-560	-1046	701	-115	0	0
Haryana	-338	-364	342	303	0	0
HP	412	91	121	-598	0	0
J&K	645	526	74	-191	0	0
CHD	0	-30	25	-51	0	0
Rajasthan	731	-7	877	70	2	2
UP	139	-223	0	0	0	0
Uttarakhand	225	194	490	126	0	0

XI. System Constraints:

XII. Grid Disturbance / Any Other Significant Event:

XIII. Weather Conditions For 08.12.2015 :
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 :

Report for : 08.12.2015

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER