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 11.05.2016
Date of Reporting : 12.05.2016

I. Regional Availability/Demand:

Evening Peak (20:00 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
42849	548	43397	50.08	36718	338	37056	50.03	958.8	10.64

* 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	49.43	9.68		59.11	74.53	74.06	-0.47	133.17	0.00
Haryana	24.65	0.60		25.25	98.14	96.43	-1.71	121.68	0.00
Rajasthan	122.49	0.00	16.08	138.57	60.38	62.29	1.91	200.86	0.00
Delhi	16.98			16.98	85.12	83.96	-1.17	100.94	0.14
UP	150.29	10.60		160.89	139.71	137.07	-2.65	297.96	0.00
Uttarakhand		15.87		15.87	22.36	19.55	-2.81	35.43	0.16
HP		15.66		15.66	6.16	6.78	0.62	22.44	0.01
J & K		19.89	0.00	19.89	18.57	21.43	2.87	41.33	10.33
Chandigarh				0.00	5.48	5.04	0.27	5.04	0.00
Total	**363.85**	**72.31**	**16.08**	**452.24**	**510.46**	**506.60**	**-3.15**	**958.84**	**10.64**

* 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 (20:00 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	5802	0	41	-179	4221	0	-263	271	6599
Haryana	6488	0	-266	530	4542	0	-428	533	6807
Rajasthan	7980	0	-115	171	8083	0	319	-183	9299
Delhi	4325	0	-91	533	3907	20	-121	62	5044
UP	13149	0	-245	1126	12248	0	-717	2295	13938
Uttarakhand	1772	40	176	331	1539	0	35	267	1772
HP	1073	0	49	-1272	774	0	261	-1318	1157
J&K	2032	508	200	-545	1274	318	-212	-646	2087
Chandigarh	228	0	-23	0	130	0	-47	0	254
Total	**42849**	**548**	**-274**	**696**	**36718**	**338**	**-1173**	**1281**	**45669**

* 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	1397	1553	1109	33.37	1391	28.69	4.69
	Rihand I STPS (2*500)	1000	776	856	602	15.80	658	15.42	0.37
	Rihand II STPS (2*500)	1000	961	1039	697	18.76	782	19.07	-0.32
	Rihand III STPS (2*500)	1000	962	1012	681	18.80	783	19.70	-0.89
	Dadri I STPS (4*210)	840	805	439	425	9.60	400	9.73	-0.13
	Dadri II STPS (2*490)	980	970	693	692	15.60	650	16.14	-0.54
	Unchahar I TPS (2*210)	420	350	294	265	6.17	257	6.21	-0.04
	Unchahar II TPS (2*210)	420	400	310	301	6.86	286	6.98	-0.12
	Unchahar III TPS (1*210)	210	200	141	140	3.33	139	3.52	-0.19
	ISTPP (Jhajjhar) (3*500)	1500	1425	10025	926	21.71	905	21.92	-0.21
	Dadri GPS (4*130.19+2*154.51)	830	692	346	392	7.86	328	8.26	-0.39
	Anta GPS (3*88.71+1*153.2)	419	395	199	156	4.13	172	4.07	0.06
	Auraiya GPS (4*111.19+2*109.30)	663	620	148	110	3.48	145	3.20	0.28
	Dadri Solar(5)	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar(10)	10	2	0	0	0.04	2	0.05	0.00
	Singrauli Solar(15)	15	3	0	1	0.07	3	0.07	0.00
	KHEP(4*200)	800	872	867	604	16.09	670	16.00	0.09
	Sub Total (A)	**12112**	**10830**	**17922**	**7101**	**182**	**7570**	**179**	**3**
B. NPC	NAPS (2*220)	440	388	195	195	4.60	192	9.31	-4.71
	RAPS- B (2*220)	440	367	412	421	8.97	374	6.50	2.47
	RAPS- C (2*220)	440	415	438	445	9.45	394	9.96	-0.51
	Sub Total (B)	**1320**	**1170**	**1045**	**1061**	**23.01**	**959**	**25.77**	**-2.76**
C. NHPC	Chamera I HPS (3*180)	540	535	546	0	9.88	412	9.71	0.17
	Chamera II HPS (3*100)	300	300	307	110	6.81	284	6.76	0.05
	Chamera III HPS (3*77)	231	231	234	83	5.22	217	5.23	-0.01
	Bairasuil HPS(3*60)	180	179	185	58	3.19	133	3.07	0.13
	Salal-HPS (6*115)	690	626	670	666	15.55	648	15.05	0.50
	Tanakpur-HPS (3*31.4)	94	31	31	29	0.79	33	0.74	0.05
	Uri-I HPS (4*120)	480	475	476	475	11.57	482	11.40	0.17
	Uri-II HPS (4*60)	240	235	241	240	5.67	236	5.65	0.02
	Dhauliganga-HPS (4*70)	280	280	149	8	2.83	118	2.54	0.29
	Dulhasti-HPS (3*130)	390	387	406	403	9.52	397	9.29	0.23
	Sewa-II HPS (3*40)	120	119	129	32	1.50	62	1.50	0.00
	Parbati 3 (4*130)	520	260	265	132	2.29	95	2.23	0.06
	Sub Total (C)	**4065**	**3660**	**3639**	**2238**	**75**	**3117**	**73**	**2**
D.SJVNL	NJPC (6*250)	1500	1605	1620	1259	37.37	1557	37.22	0.15
	Rampur HEP (6*68.67)	412	393	447	375	9.45	394	9.33	0.12
	Sub Total (D)	**1912**	**1998**	**2067**	**1634**	**46.82**	**1951**	**46.55**	**0.26**
E. THDC	Tehri HPS (4*250)	1000	256	258	0	3.50	146	3.50	0.00
	Koteshwar HPS (4*100)	400	56	101	0	1.36	57	1.34	0.02
	Sub Total (E)	**1400**	**312**	**359**	**0**	**4.86**	**202**	**4.84**	**0.02**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	635	1160	372	15.42	643	15.25	0.17
	Dehar HPS (6*165)	990	622	660	620	14.96	623	14.93	0.04
	Pong HPS (6*66)	396	78	200	0	1.79	75	1.86	-0.07
	Sub Total (F)	**2765**	**1335**	**2020**	**992**	**32.18**	**1341**	**32.04**	**0.14**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*	192	0	108	110	2.47	103	2.59	-0.12
	KARCHAM WANGTOO HPS(IPP) (	1000	0	1050	900	21.18	883	21.82	-0.64
	Malana Stg-II HPS (2*50)	100	0	111	45	1.13	47	1.06	0.07
	Shree Cement TPS (2*150)	300	0	144	146	3.48	145	3.66	-0.18
	Budhil HPS(IPP) (2*35)	70	0	38	39	0.91	38	0.94	-0.04
	Sub Total (G)	1662	0	1452	1239	29.17	1215	30.07	-0.90
H. Total Regional Entities (A-G)		**25237**	**19305**	**28504**	**14265**	**392.53**	**16355**	**391.45**	**1.08**

I. State Entities	Station	Effective Installed Capacity (MW)	Peak MW	Off Peak MW	Energy(MU)	Average(Sentout MW)
Punjab	Guru Gobind Singh TPS (Ropar) (6*210)	1260	350	540	9.15	381
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	100	100	2.28	95
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	539	546	13.28	553
	Goindwal(GVK) (2*270)	540	0	0	-0.04	-2
	Rajpura (2*700)	1400	810	330	15.26	636
	Talwandi Saboo (3*660)	1980	450	308	9.51	396
	Thermal (Total)	**6560**	**2249**	**1824**	**49.43**	**2060**
	Total Hydro	1000	420	367	9.68	403
	Total Punjab	**7560**	**2669**	**2191**	**59.11**	**2463**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	400	2.49	104
	DCRTPP (Yamuna nagar) (2*300)	600	0	232	1.02	43
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	185	166	3.93	164
	RGTPP (khedar) (IPP) (2*600)	1200	548	743	11.28	470
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	559	0	5.93	247
	Thermal (Total)	**4944**	**1292**	**1541**	**24.65**	**1027**
	Total Hydro	62	26	25	0.60	25
	Total Haryana	**5006**	**1318**	**1566**	**25.25**	**1052**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	774	771	18.39	766
	suratgarh TPS (6*250)	1500	587	577	14.17	590
	Chabra TPS (4*250)	1000	800	752	19.56	815
	Dholpur GPS (3*110)	330	98	98	2.54	106
	Ramgarh GPS(1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	136	149	3.39	141
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingsar (NLC) (2*125)	250	80	82	1.84	77
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	403	391	14.12	588
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	820	812	21.97	916
	Kawai(Adani) (2*660)	1320	861	1125	26.51	1104
	Thermal (Total)	**8876**	**4559**	**4757**	**122**	**5104**
	Total Hydro	550	0	0	0.00	0
	Wind power	3214	719	901	12.42	518
	Biomass	99	22	22	0.54	22
	Solar	730	1	0	3.12	130
	Renewable/Others (Total)	4043	742	923	16.08	670
	Total Rajasthan	**13469**	**5301**	**5680**	**138.57**	**5774**
UP	Anpara TPS (3*210+2*500)	1630	1406	1409	31.20	1300
	Obra TPS (2*50+2*94+5*200)	1194	469	608	13.50	563
	Paricha TPS (2*110+2*220+2*250)	1160	885	681	22.00	917
	Panki TPS (2*105)	210	63	131	2.60	108
	Harduaganj TPS (1*60+1*105+2*250)	665	518	403	10.50	438
	Tanda TPS (NTPC) (4*110)	440	380	300	7.39	308
	Roza TPS (IPP) (4*300)	1200	738	725	18.90	788
	Anpara-C (IPP) (2*600)	1200	1076	854	21.10	879
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	283	283	6.50	271
	Anpara-D(2*500)	1000	0	0	0.00	0
	Lalitpur TPS(3*660)	1980	0	350	5.60	233
	Bara(2*660)	1320	357	356	8.60	358
	Thermal (Total)	**12449**	**6175**	**6100**	**148**	**6162**
	Vishnuparyag HPS (IPP)(4*110)	440	375	291	7.20	300
	Alaknanada(4*82.5)	330	183	83	2.50	104
	Other Hydro	527	42	40	0.90	38
	Cogeneration	981	100	100	2.40	100
	Total UP	**14727**	**6875**	**6614**	**161**	**6704**
Uttarakhand	Total Hydro	1398	524	704	15.87	661
	Total Uttarakhand	**1398**	**524**	**704**	**15.87**	**661**
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	72	74	1.83	76
	Pragati Gas Turbine (2x104+ 1x122)	330	262	151	4.59	191
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	253	252	6.07	253
	Badarpur TPS (NTPC) (3*95+2*210)	705	161	311	4.50	187
	Thermal (Total)	2917	748	787	16.98	708
	Total Delhi	**2917**	**748**	**787**	**16.98**	**708**
HP	Baspa HPS (IPP) (3*100)	300	338	338	6.40	267
	Malana HPS (IPP) (2*43)	86	60	63	1.02	42
	Other Hydro	878	359	353	8.24	343
	Total HP	**1264**	**757**	**754**	**15.66**	**652**
J & K	Baglihar HPS (IPP) (3*150+2*150)	750	735	735	17.64	735
	Other Hydro/IPP	560	118	82	2.25	94
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1500**	**853**	**817**	**19.89**	829
Total State Control Area Generation		**47841**	**19045**	**19113**	**452.24**	**18843**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**6872**	**4265**	**130.02**	**5418**
Total Regional Availability(Gross)		**73078**	**54422**	**37642**	**974.80**	**40616**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**10222**	**6522**	**199.54**	**8314**
State Control Area Hydro	**6881**	**3180**	**3081**	**72**	**3013**
Total Regional Hydro	**19115**	**13402**	**9603**	**271.84**	**11327**

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
	MW	MW	Import	Export	Import	Export	MU
Vindhychal(HVDC B/B)	0	-250	250	250	0.16	2.76	-2.61
765 KV Gwalior-Agra (D/C)	2499	1555	3392	0	56.10	0.00	56.10
400 KV Zerda-Kankroli	-115	-342	0	342	0.00	5.11	-5.11
400 KV Zerda-Bhinmal	-67	-258	0	269	0.00	3.19	-3.19
220 KV Auraiya-Malanpur	-45	-78	0	92	0.00	0.66	-0.66
220 KV Badod-Kota/Morak	-26	-73	38	83	0.77	0.00	0.77
Mundra-Mohindergarh(HVDC Bipole)	2498	1998	2506	0	50.17	0.00	50.17
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	618	-41	836	193	4.86	0.00	4.86
Sub Total WR	**5362**	**2511**			**112.06**	**11.72**	**100.34**

Pusauli Bypass/HVDC	0	400	400	0	3.52	0.00	3.52
400 KV MZP- GKP (D/C)	-7	192	192	78	1.51	0.00	1.51
400 KV Patna-Balia(D/C) X 2	417	238	458	0	7.10	0.00	7.10
400 KV B'Sharif-Balia (D/C)	4	59	185	0	1.49	0.00	1.49
765 KV Gaya-Balia	178	170	350	0	2.63	0.00	2.63
765 KV Gaya-Varanasi (D/C)	43	115	24	115	0.00	1.40	-1.40
220 KV Pusauli-Sahupuri	177	195	195	0	4.23	0.00	4.23
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-26	-30	0	-30	0.00	0.57	-0.57
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-142	-266	0	285	0.00	4.35	-4.35
400 KV Barh -GKP (D/C)	502	316	502	0	8.03	0.00	8.03
400 kvB'Sharif - Varanasi (D/C)	-122	-121	0	227	0.00	3.41	-3.41
Sub Total ER	**1024**	**1268**			**28.51**	**9.72**	**18.79**
+/- 800 KV BiswanathCharialli-Agra	486	486	487	0	10.90	0.00	10.90
Sub Total NER	**486**	**486**			**10.90**	**0.00**	**10.90**
Total IR Exch	**6872**	**4265**			**151.47**	**21.44**	**130.02**

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
30.19	0.71	30.90	2.41	7.04	-0.56	-0.55	0.00	0.00

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
32.75	108.18	140.93	29.69	100.34	130.02	-3.07	-7.84	-10.91

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
	MW	MW	Import	Export	Import	Export	MU
132 KV Tanakpur - Mahendarnagar	-30	-28	0	31	0	1	-0.69

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	0.16	5.10	42.29	67.09	22.14	6.10	0.05	0.00

<---------- Frequency (Hz) ---------->				Average	Frequency	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum		Minimum		Frequency	Variation		MAX	MIN	
Freq	Time	Freq	Time	Hz	Index		(Hz)	(Hz)	
50.21	17.02	49.74	19.40	50.01	0.042	0.064	50.22	49.96	32.91

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviation Index (% of
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV	
Rihand	400	414	6:38	402	22:35	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	426	7:34	394	22:33	0.0	0.0	10.8	0.0	10.8
Bareilly(PG)400kV	400	0	0:00	0	0:00	0.0	0.0	0.0	0.0	0.0
Kanpur	400	422	7:01	395	22:33	0.0	0.0	2.0	0.0	2.0
Dadri	400	426	4:03	398	22:34	0.7	0.7	20.3	0.0	21.0
Ballabhgarh	400	430	4:00	399	22:35	0.0	0.0	29.3	0.0	29.3
Bawana	400	426	4:03	398	22:35	0.0	0.0	21.6	0.0	21.6
Bassi	400	423	4:00	390	23:03	0.0	0.0	3.2	0.0	3.2
Hissar	400	422	4:00	393	22:37	0.0	0.0	1.5	0.0	1.5
Moga	400	421	4:03	396	22:35	0.0	0.0	0.3	0.0	0.3
Abdullapur	400	426	4:02	399	19:40	0.0	0.0	20.4	0.0	20.4
Nalagarh	400	429	4:04	403	14:51	0.0	0.0	24.1	0.0	24.1
Kishenpur	400	416	3:10	396	15:28	0.0	0.0	0.0	0.0	0.0
Wagoora	400	409	3:10	382	20:05	0.0	18.7	0.0	0.0	0.0
Amritsar	400	430	3:16	165	8:48	0.0	0.0	20.4	0.0	20.5
Kashipur	400	422	4:03	407	19:40	0.0	0.0	15.1	0.0	15.1
Hamirpur	400	424	4:47	397	15:46	0.0	0.0	6.8	0.0	6.8
Rishikesh	400	419	5:01	377	22:09	1.1	36.4	0.0	0.0	1.1

VIII. Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviation Index (% of
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV	
Fatehpur	765	789	7:02	730	22:34	0.0	15.7	0.0	0.0	0.0
Balia	765	797	7:02	730	22:34	0.0	17.9	0.0	0.0	0.0
Moga	765	807	4:03	756	22:36	0.0	0.0	6.5	0.0	6.5
Agra	765	794	3:09	740	22:36	0.0	0.5	0.0	0.0	0.0
Bhiwani	765	792	2:37	765	0:00	0.0	0.0	0.0	0.0	0.0
Unnao	765	779	3:15	723	22:35	1.1	32.0	0.0	0.0	1.1
Lucknow	765	800	7:02	739	22:35	0.0	0.4	0.0	0.0	0.0
Meerut	765	814	4:03	755	22:36	0.0	0.0	12.3	0.0	12.3
Jhatikara	765	804	4:02	749	22:35	0.0	0.0	10.1	0.0	10.1
Bareilly 765 kV	765	797	7:01	740	22:35	0.0	0.3	0.0	0.0	0.0
Anta	765	780	18:02	756	11:40	0.0	0.0	0.0	0.0	0.0
Phagi	765	784	3:10	742	22:37	0.0	0.0	0.0	0.0	0.0

Note : "0" in Max / Min Col -> Telemetry Outage

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	475.03	350.94	485.78	610.73	824.44	556.28
Pong	426.72	384.05	392.97	93.10	405.32	352.07	96.99	148.66
Tehri	829.79	740.04	741.45	4.65	757.70	105.63	139.02	136.00
Koteshwar	612.50	598.50	606.89	3.13	610.15	4.95	136.00	89.82
Chamera-I	760.00	748.75	754.07	0.00	0.00	0.00	308.48	272.42
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	500.93	3.07	523.40	7.18	187.85	133.41

*** 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	-28	299	0	-433	254	0	-2.30	7.12	4.83
Delhi	402	-340	0	451	82	0	10.98	-1.72	9.26
Haryana	195	339	0	211	319	0	5.88	6.88	12.76
HP	-484	-834	0	-229	-1043	0	-8.15	-19.49	-27.64
J&K	-581	-65	0	-530	-14	0	-13.60	-1.64	-15.23
CHD	0	0	0	0	0	0	0.35	0.12	0.47
Rajasthan	-510	327	0	-394	566	0	-10.22	12.23	2.01
UP	1613	682	0	1126	0	0	30.83	3.46	34.29
Uttarakhand	33	234	0	106	225	0	1.21	6.18	7.39
Total	**640**	**641**	**0**	**308**	**388**	**0**	**14.99**	**13.14**	**28.13**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-28	-433	318	232	0	0
Delhi	550	402	258	-513	0	0
Haryana	358	190	384	81	0	0
HP	-229	-638	-313	-1155	0	0
J&K	-480	-626	-14	-166	0	0
CHD	44	0	25	0	0	0
Rajasthan	-382	-510	568	158	0	0
UP	1622	1094	682	0	0	0
Uttarakhand	106	33	358	87	0	0

XI. System Reliability Indices(Violation of TTC and ATC):

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

WR	**0.00%**
ER	**0.00%**
Simultaneous	**0.00%**

(ii)%age of times ATC violated on the inter-regional corridors

WR	**0.00%**
ER	**0.00%**
Simultaneous	**0.00%**

(iii)%age of times Angular Difference on Important Buses was beyond permissible limits(40 deg.)

Rihand - Dadri	**0.00%**

XII.System Constraints:

XIII. Grid Disturbance / Any Other Significant Event:

XIV. Weather Conditions For 11.05.2016 :
Normal

XV. Synchronisation of new generating units :

XVI. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :
1. 765/400kV 1500MVA ICT-2 at Varanasi first time charged on no-load at 1742Hrs of 11.05.16
0.00
0.00
0.00

XVII. Tripping of lines in pooling stations :

XVIII. Complete generation loss in a generating station :

Note: Data(regarding drawal,generation, shortage , inter-regional flows and reservoir levels)of the constituents filled in the report are as per last furnished data by the respective state/constituent to NRLDC.

Report for : 11.05.2016

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER