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 07.06.2016
Date of Reporting : 08.06.2016

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
43422	497	43919	50.08	46137	300	46437	50.03	1049.4	7.69

* 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	61.57	10.74		72.31	81.73	82.35	0.62	154.66	0.00
Haryana	33.19	0.68		33.87	108.66	109.57	0.92	143.44	0.00
Rajasthan	126.24	0.00	26.92	153.16	62.72	64.30	1.58	217.46	0.00
Delhi	18.45			18.45	102.33	101.03	-1.30	119.48	0.13
UP	161.68	16.48		178.16	141.19	139.44	-1.75	317.60	0.00
Uttarakhand		17.87		17.87	17.72	17.34	-0.38	35.21	0.08
HP		18.36		18.36	5.31	5.54	0.24	23.90	0.00
J & K		21.87	0.00	21.87	17.11	10.08	-7.02	31.95	7.48
Chandigarh				0.00	5.97	5.69	0.27	5.69	0.00
Total	**401.13**	**86.00**	**26.92**	**514.04**	**542.72**	**535.34**	**-6.83**	**1049.39**	7.69

* 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				Maximum Demand Met (MW) and Time(Hrs)		Shortage (MW)
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction			
Punjab	7107	0	92	255	6057	0	-126	246	7202	21:00	0
Haryana	6448	0	-255	850	6517	0	62	1054	7397	23:00	0
Rajasthan	7959	0	-150	346	9245	0	136	-633	9687	24:00	0
Delhi	4576	0	-371	584	5102	3	27	639	5659	16:00	15
UP	13063	100	99	891	14861	0	256	1768	14861	3:00	0
Uttarakhand	1629	40	-32	113	1570	0	100	120	1662	21:00	40
HP	969	0	-32	-1167	874	0	25	-1286	1105	17:00	0
J&K	1428	357	-245	-454	1686	297	-145	-559	1686	3:00	297
Chandigarh	243	0	-8	20	225	0	-20	0	271	16:00	0
Total	**43422**	**497**	**-902**	**1437**	**46137**	**300**	**314**	**1350**	**47030**	**1:00**	**228**

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

Diversity is 1.05

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	1883	1998	2037	43.94	1831	43.17	0.77
	Rihand I STPS (2*500)	1000	386	325	426	8.23	343	8.17	0.06
	Rihand II STPS (2*500)	1000	951	769	998	19.97	832	19.68	0.29
	Rihand III STPS (2*500)	1000	957	984	1019	21.07	878	21.46	-0.39
	Dadri I STPS (4*210)	840	805	459	492	10.40	433	10.66	-0.26
	Dadri II STPS (2*490)	980	960	652	793	17.20	717	17.97	-0.77
	Unchahar I TPS (2*210)	420	350	257	293	6.11	255	6.40	-0.29
	Unchahar II TPS (2*210)	420	400	249	338	6.35	264	7.16	-0.81
	Unchahar III TPS (1*210)	210	200	133	148	3.15	131	3.58	-0.43
	ISTPP (Jhajjhar) (3*500)	1500	1425	1013	917	21.13	880	21.86	-0.73
	Dadri GPS (4*130.19+2*154.51)	830	780	241	372	6.45	269	6.59	-0.13
	Anta GPS (3*88.71+1*153.2)	419	401	185	236	5.00	208	5.05	-0.05
	Auraiya GPS (4*111.19+2*109.30)	663	623	0	0	0.00	0	0.00	0.00
	Dadri Solar(5)	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar(10)	10	2	0	0	0.05	2	0.04	0.00
	Singrauli Solar(15)	15	3	0	0	0.06	3	0.06	0.00
	KHEP(4*200)	800	872	872	870	17.27	719	17.00	0.27
	Sub Total (A)	**12112**	**10999**	**8137**	**8939**	**186**	**7766**	**189**	**-2.48**
B. NPC	NAPS (2*220)	440	178	217	221	4.51	188	4.27	0.24
	RAPS- B (2*220)	440	381	406	408	8.76	365	9.14	-0.38
	RAPS- C (2*220)	440	420	432	436	9.38	391	10.08	-0.70
	Sub Total (B)	**1320**	**979**	**1055**	**1065**	**22.65**	**944**	**23.50**	**-0.84**
C. NHPC	Chamera I HPS (3*180)	540	540	545	403	10.58	441	10.50	0.09
	Chamera II HPS (3*100)	300	300	313	301	7.36	307	7.20	0.17
	Chamera III HPS (3*77)	231	221	224	210	5.35	223	5.34	0.01
	Bairasuil HPS(3*60)	180	179	181	62	2.09	87	2.01	0.08
	Salal-HPS (6*115)	690	672	676	675	15.79	658	16.12	-0.33
	Tanakpur-HPS (3*31.4)	94	49	57	50	1.25	52	1.20	0.05
	Uri-I HPS (4*120)	480	475	472	472	11.46	477	11.40	0.06
	Uri-II HPS (4*60)	240	232	241	241	5.63	234	5.57	0.05
	Dhauliganga-HPS (4*70)	280	280	287	286	4.17	174	4.07	0.10
	Dulhasti-HPS (3*130)	390	387	404	406	9.48	395	9.29	0.19
	Sewa-II HPS (3*40)	120	119	85	0	0.55	23	0.60	-0.05
	Parbati 3 (4*130)	520	130	132	130	2.25	94	2.23	0.02
	Sub Total (C)	**4065**	**3585**	**3617**	**3235**	**76**	**3165**	**76**	**0.43**
D.SJVNL	NJPC (6*250)	1500	1605	1613	1628	38.68	1612	38.52	0.16
	Rampur HEP (6*68.67)	412	442	448	450	10.81	450	10.61	0.20
	Sub Total (D)	**1912**	**2047**	**2061**	**2078**	**49.49**	**2062**	**49.13**	**0.36**
E. THDC	Tehri HPS (4*250)	1000	132	133	132	3.17	132	3.17	0.00
	Koteshwar HPS (4*100)	400	74	102	71	1.80	75	1.77	0.03
	Sub Total (E)	**1400**	**206**	**235**	**203**	**4.97**	**207**	**4.94**	**0.03**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	921	1195	727	21.99	916	22.11	-0.12
	Dehar HPS (6*165)	990	607	660	600	14.20	592	14.57	-0.36
	Pong HPS (6*66)	396	127	184	94	2.98	124	3.05	-0.07
	Sub Total (F)	**2765**	**1655**	**2039**	**1421**	**39.16**	**1632**	**39.72**	**-0.55**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	121	135	2.86	119	2.76	0.10
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1100	1100	26.22	1092	26.13	0.08
	Malana Stg-II HPS (2*50)	100	0	65	50	1.35	56	1.26	0.08
	Shree Cement TPS (2*150)	300	0	142	141	3.39	141	3.46	-0.07
	Budhil HPS(IPP) (2*35)	70	0	54	59	1.40	58	1.19	0.21
	Sub Total (G)	**1662**	**0**	**1482**	**1485**	**35.21**	**1467**	**34.80**	**0.41**
H. Total Regional Entities (A-G)		**25237**	**19470**	**18626**	**18427**	**413.84**	**17243**	**416.49**	**-2.65**

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	160	320	5.53	231
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	200	210	4.59	191
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	615	755	16.22	676
	Goindwal(GVK) (2*270)	540	0	0	0.00	0
	Rajpura (2*700)	1400	1320	1020	26.74	1114
	Talwandi Saboo (3*660)	1980	430	308	8.48	353
	Thermal (Total)	**6560**	**2725**	**2613**	**61.57**	**2565**
	Total Hydro	1000	476	483	10.74	448
	Total Punjab	**7560**	**3201**	**3096**	**72.31**	**3013**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	0	0	0.00	0
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	173	188	3.99	166
	RGTPP (khedar) (IPP) (2*600)	1200	385	392	9.48	395
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	953	745	19.72	822
	Thermal (Total)	**4944**	**1511**	**1325**	**33.19**	**1383**
	Total Hydro	62	34	26	0.68	28
	Total Haryana	**5006**	**1545**	**1351**	**33.87**	**1411**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	994	1016	23.75	990
	suratgarh TPS (6*250)	1500	969	947	23.06	961
	Chabra TPS (4*250)	1000	559	618	14.13	589
	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	180	151	4.14	172
	RAPS A (NPC) (1*100+1*200)	300	139	140	3.47	144
	Barsingsar (NLC) (2*125)	250	80	80	1.80	75
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	579	832	17.03	709
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	446	444	10.94	456
	Kawai(Adani) (2*660)	1320	999	1240	27.92	1163
	Thermal (Total)	**8876**	**4945**	**5468**	**126**	**5260**
	Total Hydro	550	0	0	0.00	0
	Wind power	3214	828	1340	23.51	980
	Biomass	99	13	13	0.30	13
	Solar	730	0	0	3.10	129
	Renewable/Others (Total)	4043	841	1353	26.92	1122
	Total Rajasthan	**13469**	**5786**	**6821**	**153.16**	**6382**
UP	Anpara TPS (3*210+2*500)	1630	1395	1394	33.26	1386
	Obra TPS (2*50+2*94+5*200)	1194	393	369	8.38	349
	Paricha TPS (2*110+2*220+2*250)	1160	922	874	20.27	845
	Panki TPS (2*105)	210	131	131	3.12	130
	Harduaganj TPS (1*60+1*105+2*250)	665	538	547	12.58	524
	Tanda TPS (NTPC) (4*110)	440	384	390	8.97	374
	Roza TPS (IPP) (4*300)	1200	721	1098	21.72	905
	Anpara-C (IPP) (2*600)	1200	1026	1080	24.74	1031
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	283	405	7.26	303
	Anpara-D(2*500)	1000	0	0	0.00	0
	Lalitpur TPS(3*660)	1980	352	495	9.40	392
	Bara(2*660)	1320	525	533	11.99	499
	Thermal (Total)	**12449**	**6670**	**7316**	**162**	**6737**
	Vishnuparyag HPS (IPP)(4*110)	440	435	435	10.46	436
	Alaknanada(4*82.5)	330	211	220	4.75	198
	Other Hydro	527	79	13	1.28	53
	Cogeneration	981	0	0	0.00	0
	Total UP	**14727**	**7395**	**7984**	**178**	**7424**
Uttarakhand	Total Hydro	1398	736	673	17.87	744
	Total Uttarakhand	**1398**	**736**	**673**	**17.87**	**744**
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	170	137	3.82	159
	Pragati Gas Turbine (2x104+ 1x122)	330	147	150	3.55	148
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	253	253	6.06	252
	Badarpur TPS (NTPC) (3*95+2*210)	705	341	175	5.01	209
	Thermal (Total)	2917	912	715	18.45	769
	Total Delhi	**2917**	**912**	**715**	**18.45**	**769**
HP	Baspa HPS (IPP) (3*100)	300	310	330	7.67	320
	Malana HPS (IPP) (2*43)	86	30	45	1.22	51
	Other Hydro	878	380	413	9.47	395
	Total HP	**1264**	**720**	**788**	**18.36**	**765**
J & K	Baglihar HPS (IPP) (3*150+2*150)	750	733	733	17.59	733
	Other Hydro/IPP	560	184	176	4.28	178
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1500**	**917**	**909**	**21.87**	911
Total State Control Area Generation		**47841**	**21212**	**22337**	**514.04**	**21418**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**5724**	**6564**	**133.98**	**5582**
Total Regional Availability(Gross)		**73078**	**45561**	**47328**	**1061.86**	**44244**

IV. Total Hydro Generation:

Regional Entities Hydro		**12234**	**10110**	**9093**	**217.27**	**9053**
State Control Area Hydro		**6881**	**3608**	**3547**	**86**	**3583**
Total Regional Hydro		**19115**	**13718**	**12640**	**303.27**	**12636**

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)	-250	-250	0	250	0.00	5.85	-5.85
765 KV Gwalior-Agra (D/C)	2569	2823	2924	0	51.77	0.00	51.77
400 KV Zerda-Kankroli	-173	-217	0	385	0.00	6.07	-6.07
400 KV Zerda-Bhinmal	-133	-216	0	341	0.00	4.66	-4.66
220 KV Auraiya-Malanpur	-8	24	24	46	0.00	0.29	-0.29
220 KV Badod-Kota/Morak	-78	-12	20	92	0.00	0.94	-0.94
Mundra-Mohindergarh(HVDC Bipole)	1998	2498	2508	0	54.36	0.00	54.36
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	407	414	616	209	9.95	0.00	9.95
Sub Total WR	**4332**	**5064**			**116.07**	**17.81**	**98.26**
Pusauli Bypass/HVDC	200	200	200	0	5.16	0.00	5.16
400 KV MZP- GKP (D/C)	87	303	343	59	5.58	0.00	5.58
400 KV Patna-Balia(D/C) X 2	524	542	580	0	12.77	0.00	12.77
400 KV B'Sharif-Balia (D/C)	-42	27	172	42	0.64	0.00	0.64
765 KV Gaya-Balia	224	262	269	0	2.21	0.00	2.21
765 KV Gaya-Varanasi (D/C)	3	-112	190	93	1.47	0.00	1.47
220 KV Pusauli-Sahupuri	174	215	229	0	4.66	0.00	4.66
132 KV K'nasa-Sahupuri	-30	-30	0	38	0.00	0.47	-0.47
132 KV Son Ngr-Rihand	-18	-17	0	37	0.00	0.53	-0.53
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	0	-235	0	235	0.00	3.04	-3.04
400 KV Barh -GKP (D/C)	392	466	522	0	9.59	0.00	9.59
400 kV B'Sharif - Varanasi (D/C)	-122	-121	0	234	0.00	2.30	-2.30
Sub Total ER	**1392**	**1500**			**42.07**	**6.35**	**35.72**
+/- 800 KV BiswanathCharialli-Agra	0	0	0	0	0.00	0.00	0.00
Sub Total NER	**0**	**0**			**0.00**	**0.00**	**0.00**
Total IR Exch	**5724**	**6564**			**158.14**	**24.17**	**133.98**

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
35.16	0.67	35.83	6.43	6.20	0.00	-0.46	0.00	0.00

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
42.26	106.28	148.54	35.72	98.26	133.98	-6.54	-8.02	-14.57

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	-28	-25	0	31	0	1	-0.67

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	0.00	2.95	39.77	73.23	19.63	3.97	0.00	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)	
50.27	18.04	49.82	22.21	50.01	0.033	0.056	0.00	0.00	26.77

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviat
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV	
Rihand	400	409	13:04	403	22:37	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	414	13:05	390	22:14	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	410	7:54	385	22:37	0.0	7.5	0.0	0.0	0.0
Kanpur	400	410	5:03	388	22:22	0.0	4.3	0.0	0.0	0.0
Dadri	400	412	5:02	389	22:38	0.0	0.4	0.0	0.0	0.0
Ballabhgarh	400	416	5:02	386	22:22	0.0	7.0	0.0	0.0	0.0
Bawana	400	412	5:02	390	22:21	0.0	0.0	0.0	0.0	0.0
Bassi	400	413	19:01	384	22:18	0.0	8.8	0.0	0.0	0.0
Hissar	400	409	5:01	388	22:18	0.0	4.3	0.0	0.0	0.0
Moga	400	404	5:00	390	22:20	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	414	5:01	390	22:34	0.0	0.0	0.0	0.0	0.0
Nalagarh	400	412	5:01	395	14:53	0.0	0.0	0.0	0.0	0.0
Kishenpur	400	402	0:37	392	11:59	0.0	0.0	0.0	0.0	0.0
Wagoora	400	401	2:07	381	13:41	0.0	62.4	0.0	0.0	0.0
Amritsar	400	409	8:05	397	14:54	0.0	0.0	0.0	0.0	0.0
Kashipur	400	416	7:52	403	22:35	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	406	5:01	392	11:57	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	420	18:03	384	11:40	0.0	2.6	0.0	0.0	0.0

VIII. Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviat
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV	
Fatehpur	765	771	5:04	730	22:22	0.0	9.2	0.0	0.0	0.0
Balia	765	773	17:02	729	22:36	0.0	12.8	0.0	0.0	0.0
Moga	765	779	5:04	746	22:19	0.0	0.0	0.0	0.0	0.0
Agra	765	779	5:04	736	22:18	0.0	3.5	0.0	0.0	0.0
Bhiwani	765	781	5:02	744	22:18	0.0	0.0	0.0	0.0	0.0
Unnao	765	763	8:04	725	22:24	3.1	15.9	0.0	0.0	3.1
Lucknow	765	776	8:04	733	22:36	0.0	8.1	0.0	0.0	0.0
Meerut	765	787	5:04	743	22:21	0.0	0.0	0.0	0.0	0.0
Jhatikara	765	773	5:01	735	22:34	0.0	7.4	0.0	0.0	0.0
Bareilly 765 kV	765	0	0:00	0	0:00	0.0	0.0	0.0	0.0	0.0
Anta	765	787	18:08	750	0:23	0.0	0.0	0.0	0.0	0.0
Phagi	765	785	18:08	737	22:20	0.0	7.2	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	479.46	447.73	486.92	644.48	880.57	815.92
Pong	426.72	384.05	389.19	46.80	405.71	361.16	92.85	264.71
Tehri	829.79	740.04	743.05	14.20	748.00	39.27	181.20	121.00
Koteshwar	612.50	598.50	607.53	3.54	607.30	3.32	121.00	118.00
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	242.98	290.48
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	505.25	2.96	521.58	7.05	232.88	145.14

*** 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	169	78	0	169	86	0	4.05	2.84	6.89
Delhi	284	356	0	420	165	0	10.16	9.72	19.88
Haryana	749	305	0	572	278	0	15.75	4.06	19.81
HP	-822	-464	0	-567	-600	0	-15.65	-12.90	-28.55
J&K	-527	-32	0	-571	117	0	-14.95	-0.32	-15.27
CHD	0	0	0	0	20	0	0.35	0.61	0.96
Rajasthan	-7	-626	0	-7	353	0	-0.25	4.95	4.70
UP	915	853	0	806	86	0	19.58	2.78	22.37
Uttarakhand	42	78	0	42	71	0	1.00	1.89	2.88
Total	**801**	**548**	**0**	**862**	**575**	**0**	**20.04**	**13.62**	**33.66**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	169	169	250	76	0	0
Delhi	566	284	834	80	0	0
Haryana	817	572	323	-228	0	0
HP	-567	-822	-337	-689	0	0
J&K	-527	-874	117	-93	0	0
CHD	44	0	69	0	0	0
Rajasthan	-7	-26	394	-704	0	0
UP	1107	719	878	0	0	0
Uttarakhand	42	42	121	11	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 07.06.2016 :
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 :

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 : 07.06.2016

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER