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 09.06.2016
Date of Reporting : 10.06.2016

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
43462	808	44270	50.08	46700	295	46995	50.03	1064.6	10.90

* 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	60.57	8.00		68.57	89.87	89.35	-0.52	157.92	0.00
Haryana	36.19	0.59		36.78	114.48	115.59	1.11	152.37	0.00
Rajasthan	114.49	0.00	38.99	153.48	59.44	59.98	0.54	213.45	0.00
Delhi	23.27			23.27	98.12	94.87	-3.25	118.14	1.32
UP	160.89	15.59		176.47	143.03	142.31	-0.72	318.78	1.36
Uttarakhand		16.18		16.18	22.09	22.69	0.61	38.87	0.10
HP		18.08		18.08	5.58	7.13	1.55	25.21	0.00
J & K		21.85	0.00	21.85	16.49	12.63	-3.86	34.49	8.12
Chandigarh				0.00	5.41	5.35	0.27	5.35	0.00
Total	**395.40**	**80.29**	**38.99**	**514.67**	**554.50**	**549.89**	**-4.27**	**1064.57**	10.90

* 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	6891	0	-256	395	6151	0	-25	463	7173	23:00	0
Haryana	6336	0	-36	867	6907	0	238	1065	7292	1:00	0
Rajasthan	7579	0	-394	329	9177	0	98	72	9837	24:00	0
Delhi	4516	0	-329	319	5239	0	46	239	5666	15:00	0
UP	13311	300	488	1289	14825	0	77	1470	15057	2:00	0
Uttarakhand	1732	40	-4	257	1647	0	126	137	1771	21:00	40
HP	984	0	-84	-1291	873	0	49	-1298	1178	15:00	0
J&K	1873	468	-155	-479	1674	295	105	-685	1873	20:00	468
Chandigarh	239	0	-13	0	208	0	25	0	253	16:00	0
Total	**43462**	**808**	**-784**	**1685**	**46700**	**295**	**738**	**1462**	**48222**	**24:00**	**243**

* 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	1895	2041	2007	43.63	1818	43.16	0.47
	Rihand I STPS (2*500)	1000	463	424	426	9.88	411	9.79	0.08
	Rihand II STPS (2*500)	1000	946	934	1010	21.06	877	20.78	0.28
	Rihand III STPS (2*500)	1000	946	973	978	21.23	884	21.48	-0.26
	Dadri I STPS (4*210)	840	805	559	550	13.51	563	13.79	-0.28
	Dadri II STPS (2*490)	980	960	658	650	16.60	692	17.50	-0.90
	Unchahar I TPS (2*210)	420	350	279	298	6.55	273	6.82	-0.26
	Unchahar II TPS (2*210)	420	400	329	292	6.72	280	7.23	-0.52
	Unchahar III TPS (1*210)	210	200	197	177	3.52	147	3.72	-0.21
	ISTPP (Jhajjhar) (3*500)	1500	1425	1112	1149	24.00	1000	25.39	-1.39
	Dadri GPS (4*130.19+2*154.51)	830	780	338	379	7.41	309	7.55	-0.14
	Anta GPS (3*88.71+1*153.2)	419	390	188	234	4.97	207	5.04	-0.08
	Auraiya GPS (4*111.19+2*109.30)	663	614	124	149	2.16	90	2.31	-0.15
	Dadri Solar(5)	5	1	0	0	0.00	0	0.02	-0.02
	Unchahar Solar(10)	10	2	0	0	0.00	0	0.04	-0.04
	Singrauli Solar(15)	15	3	0	0	0.00	0	0.07	-0.07
	KHEP(4*200)	800	872	866	411	13.49	562	13.00	0.49
	Sub Total (A)	**12112**	**11052**	**9022**	**8710**	**195**	**8113**	**198**	**-2.99**
B. NPC	NAPS (2*220)	440	188	219	215	4.62	192	4.51	0.11
	RAPS- B (2*220)	440	365	407	411	8.71	363	8.76	-0.05
	RAPS- C (2*220)	440	420	430	437	9.30	387	10.08	-0.78
	Sub Total (B)	**1320**	**973**	**1056**	**1063**	**22.63**	**943**	**23.35**	**-0.72**
C. NHPC	Chamera I HPS (3*180)	540	540	553	0	8.96	373	8.80	0.16
	Chamera II HPS (3*100)	300	300	313	311	7.43	309	7.20	0.23
	Chamera III HPS (3*77)	231	224	223	228	5.35	223	5.37	-0.02
	Bairasuil HPS(3*60)	180	179	183	61	2.40	100	2.30	0.10
	Salal-HPS (6*115)	690	672	685	676	16.20	675	16.12	0.08
	Tanakpur-HPS (3*31.4)	94	39	52	61	1.03	43	0.94	0.08
	Uri-I HPS (4*120)	480	475	473	473	11.47	478	11.40	0.07
	Uri-II HPS (4*60)	240	237	241	240	5.74	239	5.69	0.05
	Dhauliganga-HPS (4*70)	280	280	287	146	3.93	164	3.84	0.09
	Dulhasti-HPS (3*130)	390	387	403	401	9.48	395	9.29	0.19
	Sewa-II HPS (3*40)	120	119	118	120	1.81	75	1.80	0.01
	Parbati 3 (4*130)	520	260	260	0	2.26	94	2.20	0.06
	Sub Total (C)	**4065**	**3714**	**3792**	**2718**	**76**	**3169**	**75**	**1.10**
D.SJVNL	NJPC (6*250)	1500	1605	1630	1628	37.22	1551	37.44	-0.21
	Rampur HEP (6*68.67)	412	442	447	448	10.39	433	10.35	0.04
	Sub Total (D)	**1912**	**2047**	**2077**	**2076**	**47.62**	**1984**	**47.79**	**-0.17**
E. THDC	Tehri HPS (4*250)	1000	264	265	267	5.93	247	6.01	-0.08
	Koteshwar HPS (4*100)	400	126	279	93	3.06	128	3.02	0.05
	Sub Total (E)	**1400**	**390**	**544**	**360**	**8.99**	**375**	**9.02**	**-0.03**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	973	1196	786	23.08	962	23.35	-0.27
	Dehar HPS (6*165)	990	609	825	560	14.84	618	14.62	0.22
	Pong HPS (6*66)	396	25	46	0	0.61	25	0.61	0.00
	Sub Total (F)	**2765**	**1608**	**2067**	**1346**	**38.53**	**1605**	**38.58**	**-0.05**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	113	129	2.93	122	2.65	0.28
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1100	950	22.75	948	23.04	-0.29
	Malana Stg-II HPS (2*50)	100	0	65	61	1.54	64	1.44	0.10
	Shree Cement TPS (2*150)	300	0	144	145	3.40	142	3.47	-0.07
	Budhil HPS(IPP) (2*35)	70	0	50	60	1.26	53	1.66	-0.40
	Sub Total (G)	**1662**	**0**	**1472**	**1344**	**31.88**	**1328**	**32.26**	**-0.38**
H. Total Regional Entities (A-G)		**25237**	**19783**	**20030**	**17617**	**420.42**	**17518**	**423.67**	**-3.25**

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	320	320	7.16	298
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	200	200	4.48	186
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	813	776	18.01	750
	Goindwal(GVK) (2*270)	540	0	0	-0.04	-2
	Rajpura (2*700)	1400	1020	920	23.12	963
	Talwandi Saboo (3*660)	1980	308	308	7.84	327
	Thermal (Total)	**6560**	**2661**	**2524**	**60.57**	**2524**
	Total Hydro	1000	331	355	8.00	333
	Total Punjab	**7560**	**2992**	**2879**	**68.57**	**2857**
Haryana	Panipat TPS (2*210+2*250)	920	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	547	0	4.33	180
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	178	190	3.72	155
	RGTPP (khedar) (IPP) (2*600)	1200	761	571	18.02	751
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	0	1007	10.13	422
	Thermal (Total)	**4497**	**1486**	**1768**	**36.19**	**1508**
	Total Hydro	62	18	36	0.59	25
	Total Haryana	**4559**	**1504**	**1804**	**36.78**	**1532**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	824	987	21.73	905
	suratgarh TPS (6*250)	1500	960	955	23.45	977
	Chabra TPS (4*250)	1000	553	556	13.70	571
	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	166	179	4.33	180
	RAPS A (NPC) (1*100+1*200)	300	137	138	3.42	142
	Barsingsar (NLC) (2*125)	250	80	81	1.81	75
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	452	448	12.59	525
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	409	409	9.72	405
	Kawai(Adani) (2*660)	1320	869	999	23.75	990
	Thermal (Total)	**8876**	**4450**	**4752**	**114**	**4770**
	Total Hydro	550	0	0	0.00	0
	Wind power	3214	1200	1921	35.73	1489
	Biomass	99	12	12	0.28	12
	Solar	730	0	0	2.98	124
	Renewable/Others (Total)	4043	1212	1933	38.99	1625
	Total Rajasthan	**13469**	**5662**	**6685**	**153.48**	**6395**
UP	Anpara TPS (3*210+2*500)	1630	1394	1401	33.22	1384
	Obra TPS (2*50+2*94+5*200)	1194	561	555	13.20	550
	Paricha TPS (2*110+2*220+2*250)	1160	761	979	20.90	871
	Panki TPS (2*105)	210	135	135	3.20	133
	Harduaganj TPS (1*60+1*105+2*250)	665	538	518	12.00	500
	Tanda TPS (NTPC) (4*110)	440	385	387	8.57	357
	Roza TPS (IPP) (4*300)	1200	747	729	20.76	865
	Anpara-C (IPP) (2*600)	1200	540	1080	17.92	747
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	283	283	7.35	306
	Anpara-D(2*500)	1000	285	225	3.32	138
	Lalitpur TPS(3*660)	1980	351	357	9.04	377
	Bara(2*660)	1320	447	533	11.41	476
	Thermal (Total)	**12449**	**6427**	**7182**	**161**	**6704**
	Vishnuparyag HPS (IPP)(4*110)	440	435	435	10.46	436
	Alaknanada(4*82.5)	330	172	171	4.10	171
	Other Hydro	527	48	48	1.03	43
	Cogeneration	981	0	0	0.00	0
	Total UP	**14727**	**7082**	**7836**	**176**	**7353**
Uttarakhand	Total Hydro	1398	693	639	16.18	674
	Total Gas	225	0	0	0.00	0
	Total Uttarakhand	**1623**	**693**	**639**	**16**	**674**
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	167	168	4.11	171
	Pragati Gas Turbine (2x104+ 1x122)	330	309	268	6.58	274
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	254	253	6.08	254
	Badarpur TPS (NTPC) (3*95+2*210)	705	310	323	6.51	271
	Thermal (Total)	2917	1040	1012	23.27	969
	Total Delhi	**2917**	**1040**	**1012**	**23.27**	**969**
HP	Baspa HPS (IPP) (3*100)	300	329	309	7.59	316
	Malana HPS (IPP) (2*43)	86	33	47	1.29	54
	Other Hydro	878	400	373	9.20	383
	Total HP	**1264**	**762**	**729**	**18.08**	**753**
J & K	Baglihar HPS (IPP) (3*150+2*150)	750	732	732	17.57	732
	Other Hydro/IPP	560	184	176	4.28	178
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1500**	**916**	**908**	**21.85**	910
Total State Control Area Generation		**47619**	**20651**	**22492**	**514.67**	**21445**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**1184**	**1072**	**146.97**	**6124**
Total Regional Availability(Gross)		**72856**	**41865**	**41181**	**1082.07**	**45086**

IV. Total Hydro Generation:

Regional Entities Hydro		**12234**	**10625**	**8050**	**211.90**	**8829**
State Control Area Hydro		**7106**	**3375**	**3321**	**80**	**3345**
Total Regional Hydro		**19340**	**14000**	**11371**	**292.18**	**12174**

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	6.17	-6.17
765 KV Gwalior-Agra (D/C)	-2269	-3122	3122	0	55.34	0.00	55.34
400 KV Zerda-Kankroli	-279	-230	0	414	0.00	6.88	-6.88
400 KV Zerda-Bhinmal	-236	-180	0	441	0.00	5.76	-5.76
220 KV Auraiya-Malanpur	-13	16	0	47	0.00	0.14	-0.14
220 KV Badod-Kota/Morak	-62	28	55	62	0.00	0.07	-0.07
Mundra-Mohindergarh(HVDC Bipole)	2504	2198	2530	0.00	57.51	0.00	57.51
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	215	529	628	0	11.16	0.00	11.16
Sub Total WR	**-390**	**-1011**			**124.02**	**19.02**	**105.00**
Pusauli Bypass/HVDC	200	200	200	0	4.52	0.00	4.52
400 KV MZP- GKP (D/C)	166	264	381	0	5.34	0.00	5.34
400 KV Patna-Balia(D/C) X 2	635	791	840	0	15.49	0.00	15.49
400 KV B'Sharif-Balia (D/C)	58	167	238	0	3.00	0.00	3.00
765 KV Gaya-Balia	217	293	293	0	2.78	0.00	2.78
765 KV Gaya-Varanasi (D/C)	-116	-78	-272	0	2.58	0.00	2.58
220 KV Pusauli-Sahupuri	191	191	220	0	4.33	0.00	4.33
132 KV K'nasa-Sahupuri	-26	-32	0	33	0.00	-0.57	0.57
132 KV Son Ngr-Rihand	-22	-27	0	34	0.00	-0.54	0.54
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-312	-302	0	312	0.00	5.10	-5.10
400 KV Barh -GKP (D/C)	454	508	508	0	9.87	0.00	9.87
400 kV B'Sharif - Varanasi (D/C)	129	108	-21	141	0.00	1.95	-1.95
Sub Total ER	**1574**	**2083**			**47.91**	**5.93**	**41.97**
+/- 800 KV BiswanathCharialli-Agra	0	0	0	0.00	0.00	0.00	0.00
Sub Total NER	**0**	**0**			**0.00**	**0.00**	**0.00**
Total IR Exch	**1184**	**1072**			**171.92**	**24.95**	**146.97**

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
40.36	0.85	41.21	6.51	9.69	2.14	-0.42	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
49.86	104.08	153.94	41.97	105.00	146.97	-7.88	0.91	-6.97

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	-29	-26	0	33	0	1	-0.64

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	4.56	44.84	75.07	18.36	1.92	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)	
50.37	14.27	49.81	19.53	50.00	0.033	0.057	50.18	49.98	24.93

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	412	6:00	403	1:34	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	421	6:32	393	22:15	0.0	0.0	0.1	0.0	0.1
Bareilly(PG)400kV	400	418	6:02	378	15:25	0.0	0.2	0.0	0.0	0.0
Kanpur	400	416	6:00	392	22:08	0.0	0.0	0.0	0.0	0.0
Dadri	400	414	6:01	393	14:25	0.1	0.1	0.0	0.0	0.1
Ballabhgarh	400	424	14:28	394	12:47	0.0	0.0	0.2	0.0	0.2
Bawana	400	414	6:00	396	0:12	0.0	0.0	0.0	0.0	0.0
Bassi	400	421	18:30	388	22:09	0.0	0.2	0.1	0.0	0.1
Hissar	400	412	18:01	392	22:07	0.0	0.0	0.0	0.0	0.0
Moga	400	407	6:04	395	0:08	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	414	6:02	399	0:17	0.0	0.0	0.0	0.0	0.0
Nalagarh	400	416	6:00	398	15:19	0.0	0.0	0.0	0.0	0.0
Kishenpur	400	405	6:01	392	20:44	0.0	0.0	0.0	0.0	0.0
Wagoora	400	405	6:01	381	20:44	0.0	16.5	0.0	0.0	0.0
Amritsar	400	412	4:02	401	12:46	0.0	0.0	0.0	0.0	0.0
Kashipur	400	419	6:02	406	0:21	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	409	4:33	392	15:44	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	426	6:06	395	1:30	0.0	0.0	5.0	0.0	5.0

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	786	6:07	736	22:11	0.0	1.0	0.0	0.0	0.0
Balia	765	786	6:08	738	22:09	0.0	1.4	0.0	0.0	0.0
Moga	765	786	6:02	758	0:31	0.0	0.0	0.0	0.0	0.0
Agra	765	793	18:31	732	14:27	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	795	18:01	760	0:18	0.0	0.0	0.0	0.0	0.0
Unnao	765	781	6:02	726	22:10	0.5	52.2	0.0	0.0	0.5
Lucknow	765	793	6:08	738	22:10	0.0	0.8	0.0	0.0	0.0
Meerut	765	801	6:07	759	22:08	0.0	0.0	0.1	0.0	0.1
Jhatikara	765	786	5:56	756	0:00	0.0	0.0	0.0	0.0	0.0
Bareilly 765 kV	765	796	6:03	736	22:10	0.0	1.2	0.0	0.0	0.0
Anta	765	790	18:30	725	14:30	0.0	0.2	0.0	0.0	0.0
Phagi	765	794	18:30	742	15:26	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	479.47	447.73	486.97	644.48	937.65	884.79
Pong	426.72	384.05	389.08	46.80	405.74	361.16	79.83	54.62
Tehri	829.79	740.04	743.15	15.00	746.05	29.25	172.06	226.00
Koteshwar	612.50	598.50	607.34	3.32	608.45	3.76	226.00	201.80
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	258.20	246.77
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	505.56	3.08	521.56	6.67	247.24	160.49

*** 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	294	0	169	226	0	4.05	10.65	14.70
Delhi	232	7	0	518	-199	0	11.36	-1.04	10.32
Haryana	749	316	0	572	295	0	15.78	7.38	23.16
HP	-822	-476	0	-567	-724	0	-15.65	-12.94	-28.59
J&K	-654	-32	0	-571	92	0	-15.82	-1.93	-17.76
CHD	0	0	0	0	0	0	0.35	0.00	0.35
Rajasthan	-7	79	0	-7	336	0	-0.23	6.55	6.32
UP	1183	287	0	898	390	0	22.76	3.02	25.77
Uttarakhand	58	79	0	58	199	0	1.40	2.63	4.03
Total	**909**	**554**	**0**	**1070**	**615**	**0**	**23.99**	**14.31**	**38.30**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	169	169	757	220	0	0
Delhi	735	183	152	-446	0	0
Haryana	817	572	360	66	0	0
HP	-567	-822	-386	-823	0	0
J&K	-527	-949	107	-269	0	0
CHD	44	0	0	0	0	0
Rajasthan	-7	-30	376	-284	0	0
UP	1278	817	488	0	0	0
Uttarakhand	58	58	222	49	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 09.06.2016 :
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 : 09.06.2016

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER