

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पारदर्शिता की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 16.06.2016
Date of Reporting : 17.06.2016



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
46847	460	47308	50.08	47182	167	47348	50.03	1102.1	7.44

* 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:

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	89.74	14.39		104.14	113.96	113.30	-0.65	217.44	0.00
Haryana	38.90	0.36		39.26	122.72	120.36	-2.36	159.62	0.00
Rajasthan	114.71	0.00	33.79	148.50	64.13	67.14	3.01	215.64	0.00
Delhi	19.96			19.96	92.93	89.76	-3.17	109.72	0.09
UP	168.61	18.02		186.63	124.99	119.49	-5.50	306.11	0.00
Uttarakhand	18.51			18.51	16.45	16.19	-0.26	34.70	0.00
HP	20.47			20.47	4.09	1.87	-2.22	22.34	0.00
J & K	21.87		0.00	21.87	15.16	8.95	-6.21	30.82	7.35
Chandigarh				0.00	5.92	5.70	0.27	5.70	0.00
Total	431.93	93.62	33.79	559.34	560.34	542.74	-17.10	1102.08	7.44

* Shortage furnished by the respective constituent \$ Others include UP Co-generation and JK Diesel

II. B. State's Demand Met in MWs:

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	9234	0	-209	1513	8204	0	-325	1418	9876	16:00	0
Haryana	6992	0	-216	1312	7149	0	-84	1458	7951	23:00	0
Rajasthan	8143	0	146	269	9339	0	129	305	9735	24:00	133
Delhi	4689	0	-7	416	4976	2	141	541	5470	24:00	0
UP	12991	0	-811	1067	14274	0	-376	1382	14837	23:00	0
Uttarakhand	1749	0	-50	219	1403	0	-20	84	1808	22:00	0
HP	952	0	-86	-1246	735	0	-189	-1432	1110	17:00	0
J&K	1841	460	-103	-497	933	165	-544	-621	1896	21:00	474
Chandigarh	256	0	0	0	169	0	-63	0	291	16:00	0
Total	46847	460	-1336	3053	47182	167	-1332	3135	51374	24:00	383

* 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 :

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 [OD:(+ve), UD: (-ve)]	
								Maximum Demand Met (MW) and Time(Hrs)	Shortage (MW)
A. NTPC									
Singrauli STPS (5*200+2*500)	2000	1394	1527	1571	32.44	1352	31.35		1.09
Rihand I STPS (2*500)	1000	465	486	474	10.05	419	9.79		0.26
Rihand II STPS (2*500)	1000	956	975	935	20.02	834	20.12		-0.09
Rihand III STPS (2*500)	1000	0	0	0	0.00	0	0.00		0.00
Dadri I STPS (4*210)	840	805	318	314	6.81	284	6.82		0.00
Dadri II STPS (2*490)	980	960	936	763	18.13	755	18.93		-0.80
Unchahar I TPS (2*210)	420	350	303	259	6.13	256	6.43		-0.30
Unchahar II TPS (2*210)	420	400	310	309	6.83	284	7.19		-0.37
Unchahar III TPS (1*210)	210	200	193	153	3.49	145	3.61		-0.12
ISTPP (Jhajjar) (3*500)	1500	1425	1281	1184	22.69	946	23.30		-0.61
Dadri GPS (4*130.19+2*154.51)	830	786	186	177	3.92	163	4.22		-0.30
Anta GPS (3*88.71+1*153.2)	419	259	0	0	0.00	0	0.00		0.00
Auraiya GPS (4*111.19+2*109.30)	663	627	125	151	3.12	130	3.08		0.04
Dadri Solar(5)	5	1	0	0	0.02	1	0.02		0.00
Unchahar Solar(10)	10	2	0	0	0.04	2	0.04		0.01
Singrauli Solar(15)	15	2	0	0	0.04	2	0.04		0.00
KHEP(4*200)	800	872	872	868	19.14	797	19.23		-0.09
Sub Total (A)	12112	9504	7512	7158	153	6369	154		-1.29
B. NPC									
NAPS (2*220)	440	188	211	214	4.49	187	4.51		-0.02
RAPS- B (2*220)	440	366	411	415	8.85	369	8.78		0.06
RAPS- C (2*220)	440	395	431	433	9.28	387	9.48		-0.20
Sub Total (B)	1320	949	1053	1062	22.61	942	22.78		-0.17
C. NHPC									
Chamera I HPS (3*180)	540	540	557	419	9.75	406	9.79		-0.04
Chamera II HPS (3*100)	300	300	307	309	7.34	306	7.20		0.14
Chamera III HPS (3*77)	231	228	230	229	5.49	229	5.46		0.03
Bairasuli HPS(3*60)	180	179	185	0	2.93	122	2.82		0.12
Salal-HPS (6*115)	690	646	668	669	15.71	655	15.50		0.21
Tanakpur-HPS (3*31.4)	94	39	81	35	0.96	40	0.94		0.01
Uri-I HPS (4*120)	480	475	477	477	11.56	482	11.40		0.16
Uri-II HPS (4*60)	240	237	241	240	5.73	239	5.69		0.04
Dhauliganga-HPS (4*70)	280	280	290	0	5.16	215	5.05		0.11
Dulhasti-HPS (3*130)	390	257	273	271	6.37	265	6.28		0.09
Sewa-II HPS (3*40)	120	119	129	117	1.90	79	1.91		0.00
Parbati 3 (4*130)	520	390	390	0	4.82	201	4.70		0.11
Sub Total (C)	4065	3691	3827	2766	78	3238	77		0.97
D. SJVNL									
NJPC (6*250)	1500	1605	1644	1615	38.76	1615	38.52		0.24
Rampur HEP (6*68.67)	412	442	446	499	10.80	450	10.61		0.20
Sub Total (D)	1912	2047	2090	2114	49.57	2065	49.13		0.44
E. THDC									
Tehri HPS (4*250)	1000	528	526	261	7.00	292	7.00		0.00
Koteshwar HPS (4*100)	400	135	399	96	3.21	134	3.25		-0.04
Sub Total (E)	1400	663	925	357	10.20	425	10.25		-0.05
F. BBMB									
Bhakra HPS (2*108+3*126+5*157)	1379	991	1299	743	23.80	992	23.78		0.02
Dehar HPS (6*165)	990	604	825	580	14.58	607	14.49		0.09
Pong HPS (6*66)	396	71	138	46	1.69	71	1.70		-0.01
Sub Total (F)	2765	1666	2262	1369	40.07	1670	39.98		0.10
G. IPP(s)/JV(s)									
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	180	199	4.14	173	4.03		0.11
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1100	1100	26.23	1093	26.13		0.10
Malana Stg-II HPS (2*50)	100	0	90	111	2.32	97	2.18		0.14
Shree Cement TPS (2*150)	300	0	288	291	6.54	272	6.56		-0.03
Budhil HPS(IPP) (2*35)	70	0	0	73	1.56	65	1.66		-0.09
Sub Total (G)	1662	0	1658	1773	40.79	1700	40.57		0.22
H. Total Regional Entities (A-G)	25237	18520	19326	16599	393.82	16409	393.59		0.22

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	1030	1008	24.10	1004	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	395	337	8.49	354	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	831	815	18.96	790	
	Goindwal(GVK) (2*270)	540	0	0	-0.04	-2	
	Rajpura (2*700)	1400	1320	1120	27.40	1142	
	Talwandi Saboo (3*660)	1980	550	308	10.83	451	
	Thermal (Total)	6560	4126	3588	89.74	3739	
	Total Hydro	1000	561	626	14.39	600	
	Total Punjab	7560	4687	4214	104.14	4339	
	Haryana	Panipat TPS (2*210+2*250)	920	270	430	8.89	370
DCRTPP (Yamuna nagar) (2*300)		600	558	561	11.69	487	
Faridabad GPS (NTPC)(2*137.75+1*156)		432	378	357	8.21	342	
RGTPP (khedar) (IPP) (2*600)		1200	386	410	10.11	421	
Magnum Diesel (IPP)		25	0	0	0.00	0	
Jhajjar(CLP) (2*660)		1320	0	0	0.00	0	
Thermal (Total)		4497	1592	1758	38.90	1621	
Total Hydro		62	15	35	0.36	15	
Total Haryana		4559	1607	1793	39.26	1636	
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	995	966	23.99	1000
	suratgarh TPS (6*250)	1500	199	384	8.48	353	
	Chabra TPS (4*250)	1000	590	549	14.52	605	
	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	160	159	4.18	174	
	RAPS A (NPC) (1*100+1*200)	300	137	140	3.45	144	
	Barsingar (NLC) (2*125)	250	79	79	1.80	75	
	Giral LTPS (2*125)	250	0	0	0.00	0	
	Rajwest LTPS (IPP) (8*135)	1080	669	841	18.27	761	
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0	
	Kalisindh Thermal(2*600)	1200	447	544	11.79	491	
	Kawai(Adani) (2*660)	1320	1046	1203	28.25	1177	
	Thermal (Total)	8876	4322	4865	115	4780	
	Total Hydro	550	0	0	0.00	0	
	Wind power	3214	985	1661	30.71	1279	
	Biomass	99	12	12	0.29	12	
	Solar	730	0	0	2.79	116	
	Renewable/Others (Total)	4043	997	1673	33.79	1408	
	Total Rajasthan	13469	5319	6538	148.50	6188	
	UP	Anpara TPS (3*210+2*500)	1630	1409	1373	31.17	1299
Obra TPS (2*50+2*94+5*200)		1194	491	412	11.50	479	
Paricha TPS (2*110+2*220+2*250)		1160	863	957	17.96	748	
Panki TPS (2*105)		210	135	135	3.13	131	
Harduaganj TPS (1*60+1*105+2*250)		665	531	520	11.38	474	
Tanda TPS (NTPC) (4*110)		440	380	378	8.02	334	
Roza TPS (IPP) (4*300)		1200	761	531	19.95	831	
Anpara-C (IPP) (2*600)		1200	1080	938	19.67	819	
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	283	283	9.68	403	
Anpara-D(2*500)		1000	738	874	17.05	710	
Lalitpur TPS(3*660)		1980	353	358	8.68	362	
Bara(2*660)		1320	465	534	10.43	435	
Thermal (Total)		12449	7489	7293	169	7025	
Vishnuparyag HPS (IPP)(4*110)		440	435	435	10.47	436	
Alaknanda(4*82.5)		330	256	253	6.14	256	
Other Hydro		527	48	55	1.41	59	
Cogeneration		981	0	0	0.00	0	
Total UP		14727	8228	8036	187	7776	
Uttarakhand		Total Hydro	1398	848	745	18.51	771
		Total Gas	225	0	0	0.00	0
	Total Uttarakhand	1623	848	745	19	771	
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0	
	Delhi Gas Turbine (6x30 + 3x34)	282	138	139	3.29	137	
	Pragati Gas Turbine (2x104+ 1x122)	330	305	261	6.53	272	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	252	250	6.41	267	
	Badarpur TPS (NTPC) (3*95+2*210)	705	330	325	3.73	155	
	Thermal (Total)	2917	1025	975	19.96	832	
	Total Delhi	2917	1025	975	19.96	832	
HP	Baspa HPS (IPP) (3*100)	300	300	300	7.43	310	
	Malana HPS (IPP) (2*43)	86	93	107	2.22	93	
	Other Hydro	878	440	422	10.82	451	
	Total HP	1264	833	829	20.47	853	
J & K	Baglihar HPS (IPP) (3*150+2*150)	750	733	733	17.59	733	
	Other Hydro/IPP	560	176	176	4.28	178	
	Gas/Diesel/Others	190	0	0	0.00	0	
	Total J & K	1500	909	909	21.87	911	
Total State Control Area Generation		47619	23456	24039	559.34	23306	
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			7688	6499	157.22	6551	
Total Regional Availability(Gross)		72856	50470	47137	1110.37	46266	

IV. Total Hydro Generation:						
Regional Entities Hydro		12234	11344	8884	229.37	9557
State Control Area Hydro		7106	3905	3887	94	3901
Total Regional Hydro		19340	15249	12771	322.99	13458

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 MU
	MW	MW	Import	Export	Import	Export	
Vindhychal(HVDC B/B)	250	250	250	0	6.10	0.00	6.10
765 KV Gwalior-Agra (D/C)	2577	2048	2699	0	50.21	0.00	50.21
400 KV Zerda-Kankroli	-101	-178	0	333	0.00	4.37	-4.37
400 KV Zerda-Bhinmal	-77	-181	0	319	0.00	3.78	-3.78
220 KV Auraiya-Malanpur	-35	-34	0	69	0.00	0.67	-0.67
220 KV Badod-Kota/Morak	-19	69	96	19	0.57	0.00	0.57
Mundra-Mohindergarh(HVDC Bipole)	1998	1603	2305	0.00	44.32	0.00	44.32
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	869	837	1099	393	19.98	0.00	19.98
Sub Total WR	5462	4414			121.18	8.82	112.36
Pusauli Bypass/HVDC	200	200	200	0	4.79	0.00	4.79
400 KV MZP- GKP (D/C)	339	423	507	0	9.73	0.00	9.73
400 KV Patna-Balia(D/C) X 2	798	703	875	0	18.15	0.00	18.15
400 KV B'Sharif-Balia (D/C)	133	140	197	0	3.52	0.00	3.52
765 KV Gaya-Balia	298	260	298	0	2.53	0.00	2.53
765 KV Gaya-Varanasi (D/C)	-128	-163	0	311	0.00	3.97	-3.97
220 KV Pusauli-Sahupuri	152	213	221	0	4.68	0.00	4.68
132 KV K'nasa-Sahupuri	-32	-20	0	40	0.00	3.46	-3.46
132 KV Son Ngr-Rihand	-33	-26	0	33	0.00	0.53	-0.53
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-57	-150	187	189	0.00	1.37	-1.37
400 KV Barh -GKP (D/C)	560	486	598	0	11.42	0.00	11.42
400 kV B'Sharif - Varanasi (D/C)	-4	19	93	101	0.00	0.64	-0.64
Sub Total ER	2226	2085			54.82	9.96	44.86
+/- 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	7688	6499			176.00	18.78	157.22

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
37.97	1.37	39.34	8.94	28.15	13.00	-0.48	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
61.28	124.86	186.14	44.86	112.36	157.22	-16.43	-12.50	-28.92

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 MU
	MW	MW	Import	Export	Import	Export	
132 KV Tanakpur - Mahendarnagar	-31	-24	0	32	0	1	-0.61

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	0.93	3.08	12.42	48.55	63.45	18.38	5.50	0.36	0.00

<----- Frequency (Hz) ----->				Average Frequency	Frequency Variation	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum		Minimum					MAX	MIN	
Freq	Time	Freq	Time	HZ	Index	(Hz)	(Hz)		
50.25	18.04	49.66	20.21	49.99	0.072	0.085	0.00	0.00	36.55

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	413	7:25	405	16:29	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	421	6:33	398	22:06	0.0	0.0	1.4	0.0	1.4
Bareilly(PG)400kV	400	418	6:06	392	14:41	0.0	0.0	0.0	0.0	0.0
Kanpur	400	415	18:01	397	22:12	0.0	0.0	0.0	0.0	0.0
Dadri	400	417	6:01	394	14:51	0.0	0.0	0.0	0.0	0.0
Ballabgarh	400	425	6:01	396	14:51	0.0	0.0	17.8	0.0	17.8
Bawana	400	414	8:57	396	14:55	0.0	0.0	0.0	0.0	0.0
Bassi	400	416	5:02	387	22:11	0.0	0.7	0.0	0.0	0.0
Hissar	400	418	6:02	395	22:10	0.0	0.0	0.0	0.0	0.0
Moga	400	410	6:03	393	14:44	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	415	6:04	396	15:22	0.0	0.0	0.0	0.0	0.0
Nalagarh	400	416	4:06	396	15:08	0.0	0.0	0.0	0.0	0.0
Kishenpur	400	408	7:04	394	14:51	0.0	0.0	0.0	0.0	0.0
Wagoora	400	405	6:05	380	20:42	0.0	17.4	0.0	0.0	0.0
Amritsar	400	414	6:02	398	14:20	0.0	0.0	0.0	0.0	0.0
Kashipur	400	419	6:05	405	14:41	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	405	0:00	391	14:55	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	420	6:04	388	14:51	0.0	0.7	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	792	6:13	746	22:08	0.0	0.0	0.0	0.0	0.0
Balia	765	794	6:19	756	22:10	0.0	0.0	0.0	0.0	0.0
Moga	765	792	6:06	754	14:52	0.0	0.0	0.0	0.0	0.0
Agra	765	786	6:02	738	22:12	0.0	0.7	0.0	0.0	0.0
Bhiwani	765	797	6:02	758	14:26	0.0	0.0	0.0	0.0	0.0
Unnao	765	780	8:05	741	15:26	0.0	0.0	0.0	0.0	0.0
Lucknow	765	792	6:28	758	1:01	0.0	0.0	0.0	0.0	0.0
Meerut	765	801	6:06	755	15:22	0.0	0.0	0.0	0.0	0.0
Jhatikara	765	790	6:02	746	22:10	0.0	0.0	0.0	0.0	0.0
Bareilly 765 kV	765	795	6:06	752	14:40	0.0	0.0	0.0	0.0	0.0
Anta	765	782	5:01	751	22:10	0.0	0.0	0.0	0.0	0.0
Phagi	765	782	5:04	742	22:11	0.0	0.0	0.0	0.0	0.0

IX. Reservoir Parameters:

Name of Reservoir	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	479.22	441.00	487.13	644.48	788.85	903.45
Pong	426.72	384.05	389.46	49.70	405.74	361.16	402.24	150.19
Tehri	829.79	740.04	744.60	21.50	741.90	9.00	281.89	263.00
Koteshwar	612.50	598.50	610.08	4.44	609.80	4.44	263.00	211.35
Chamera-I	760.00	748.75	754.33	0.00	0.00	0.00	349.99	268.19
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	505.34	7.12	522.15	5.86	278.10	300.28

* 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	1006	411	0	1221	292	0	27.93	11.36	39.29
Delhi	235	307	0	450	-33	0	13.79	3.31	17.10
Haryana	1123	335	0	985	326	0	24.64	8.02	32.66
HP	-1120	-312	0	-869	-377	0	-23.16	-7.36	-30.51
J&K	-621	0	0	-571	75	0	-16.26	-0.79	-17.04
CHD	0	0	0	0	0	0	0.36	0.37	0.73
Rajasthan	-109	414	0	-109	378	0	-2.60	9.26	6.66
UP	1382	0	0	1067	0	0	23.05	1.96	25.01
Uttarakhand	73	11	0	75	144	0	1.14	1.07	2.21
Total	1968	1166	0	2249	804	0	48.88	27.20	76.09

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1702	711	671	292	0	0
Delhi	992	235	434	-313	0	0
Haryana	1152	852	372	138	0	0
HP	-864	-1122	-18	-379	0	0
J&K	-571	-923	75	-252	0	0
CHD	44	0	30	0	0	0
Rajasthan	-109	-109	414	341	0	0
UP	1545	730	391	0	0	0
Uttarakhand	75	-81	149	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	0.35%
ER	0.00%
Simultaneous	15.63%

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

Rihand - Dadri	0.00%
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XII. System Constraints:

XIII. Grid Disturbance / Any Other Significant Event:

XIV. Weather Conditions For 16.06.2016 :

XV. Synchronisation of new generating units :

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

- 400/220 kV, 500 MVA ICT-1 at Sikandrabad (UP) first time charged at 14.21 hrs /16.06.2016 from 400kV side on NO load.
- 125 MVAR Bus Reactor at Sikandrabad (UP) first time charged at 15.05 hrs /16.06.2016.

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.