

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पब्लिसिटी की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 12.06.2016

Date of Reporting : 13.06.2016



I. Regional Availability/Demand:

Demand Met	Evening Peak (20:00 Hrs) MW			Off Peak (03:00 Hrs) MW				Day Energy (Net MU)	
	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
42126	2127	44253	50.08	44198	287	44485	50.03	1028.5	12.01

* 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	74.22	10.90		85.11	97.71	98.13	0.42	183.24	0.00
Haryana	26.57	0.60		27.17	110.40	110.18	-0.22	137.35	0.00
Rajasthan	95.63	0.00	33.38	129.00	59.49	60.99	1.51	189.99	0.00
Delhi	21.27			21.27	79.06	78.20	-0.86	99.47	0.00
UP	161.32	15.94		177.26	140.41	139.95	-0.46	317.21	4.22
Uttarakhand		17.32		17.32	20.17	20.66	0.49	37.98	0.00
HP		16.25		16.25	7.30	8.40	1.10	24.65	0.00
J & K		21.87	0.00	21.87	16.65	11.36	-5.29	33.23	7.80
Chandigarh				0.00	5.46	5.34	0.27	5.34	0.00
Total	379.01	82.88	33.38	495.26	536.64	533.20	-3.05	1028.46	12.01

* 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	7296	0	14	479	7184	0	-62	609	7973	16:00	0
Haryana	5827	0	-285	766	5799	0	-157	1041	6806	24:00	0
Rajasthan	7475	0	-337	358	7495	0	120	362	8868	24:00	0
Delhi	4107	0	-201	399	4429	0	187	415	4883	24:00	0
UP	12874	1685	632	893	14814	0	-255	1150	14860	1:00	0
Uttarakhand	1683	0	39	188	1653	0	63	74	1743	21:00	0
HP	865	0	-128	-1147	975	0	24	-1289	1149	10:00	0
J&K	1769	442	34	-546	1627	287	35	-578	1769	20:00	442
Chandigarh	229	0	3	0	222	0	-7	0	283	23:00	0
Total	42126	2127	-229	1391	44198	287	-51	1783	46139	24:00	453

* 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 :

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	Net MU
A. NTPC									
Singrauli STPS (5*200+2*500)	2000	1900	1891	2045	42.45	1769	42.13		0.32
Rihand I STPS (2*500)	1000	461	427	503	9.55	398	9.53		0.02
Rihand II STPS (2*500)	1000	956	890	849	19.53	814	19.81		-0.27
Rihand III STPS (2*500)	1000	956	1009	836	20.58	857	21.02		-0.45
Dadri I STPS (4*210)	840	805	254	376	7.83	326	7.98		-0.15
Dadri II STPS (2*490)	980	960	618	664	14.92	622	15.35		-0.42
Unchahar I TPS (2*210)	420	350	282	330	6.55	273	6.80		-0.26
Unchahar II TPS (2*210)	420	400	302	300	6.58	274	7.34		-0.76
Unchahar III TPS (1*210)	210	200	137	151	3.23	135	3.46		-0.23
ISTPP (Jhajjar) (3*500)	1500	1425	1057	930	21.72	905	22.61		-0.89
Dadri GPS (4*130.19+2*154.51)	830	786	279	365	6.66	278	6.78		-0.12
Anta GPS (3*88.71+1*153.2)	419	399	235	237	5.05	210	5.49		-0.44
Auraiya GPS (4*111.19+2*109.30)	663	623	147	153	3.35	140	3.58		-0.23
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		0.01
Singrauli Solar(15)	15	3	0	0	0.07	3	0.07		0.00
KHEP(4*200)	800	872	870	866	14.70	612	14.54		0.16
Sub Total (A)	12112	11100	8398	8605	183	7618	187		-3.72
B. NPC									
NAPS (2*220)	440	189	214	219	4.57	190	4.54		0.03
RAPS- B (2*220)	440	362	407	408	8.69	362	8.69		0.01
RAPS- C (2*220)	440	388	431	430	9.31	388	9.31		0.00
Sub Total (B)	1320	939	1052	1057	22.57	941	22.54		0.04
C. NHPC									
Chamera I HPS (3*180)	540	540	543	350	7.00	292	6.88		0.12
Chamera II HPS (3*100)	300	300	312	312	7.42	309	7.19		0.23
Chamera III HPS (3*77)	231	225	229	229	5.44	226	5.38		0.05
Bairasuli HPS(3*60)	180	179	183	62	2.08	87	2.08		0.00
Salal-HPS (6*115)	690	663	672	673	16.15	673	15.88		0.27
Tanakpur-HPS (3*31.4)	94	46	76	54	1.12	47	1.09		0.04
Uri-I HPS (4*120)	480	475	478	479	11.59	483	11.39		0.21
Uri-II HPS (4*60)	240	237	240	241	5.74	239	5.68		0.05
Dhauliganga-HPS (4*70)	280	280	212	214	4.47	186	4.27		0.21
Dulhasti-HPS (3*130)	390	387	402	401	9.43	393	9.28		0.15
Sewa-II HPS (3*40)	120	119	86	0	0.73	30	0.70		0.03
Parbati 3 (4*130)	520	390	390	0	2.66	111	2.57		0.09
Sub Total (C)	4065	3841	3824	3013	74	3076	72		1.45
D. SJVNL									
NJPC (6*250)	1500	1605	1642	1620	38.64	1610	38.47		0.17
Rampur HEP (6*68.67)	412	442	450	452	10.66	444	10.61		0.05
Sub Total (D)	1912	2047	2092	2072	49.30	2054	49.07		0.23
E. THDC									
Tehri HPS (4*250)	1000	266	268	268	4.52	188	4.51		0.01
Koteshwar HPS (4*100)	400	104	282	92	2.52	105	2.49		0.03
Sub Total (E)	1400	370	550	360	7.04	293	7.00		0.04
F. BBMB									
Bhakra HPS (2*108+3*126+5*157)	1379	1051	1295	894	25.01	1042	25.23		-0.22
Dehar HPS (6*165)	990	611	825	560	14.65	610	14.66		-0.01
Pong HPS (6*66)	396	89	194	92	2.11	88	2.14		-0.03
Sub Total (F)	2765	1751	2314	1546	41.77	1740	42.03		-0.26
G. IPP(s)/JV(s)									
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	139	134	3.21	134	3.05		0.16
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1100	1100	26.23	1093	26.18		0.05
Malana Stg-II HPS (2*50)	100	0	95	76	1.77	74	1.64		0.13
Shree Cement TPS (2*150)	300	0	236	297	5.61	234	5.62		-0.01
Budhil HPS(IPP) (2*35)	70	0	60	59	1.43	60	1.66		-0.23
Sub Total (G)	1662	0	1629	1666	38.26	1594	38.15		0.10
H. Total Regional Entities (A-G)	25237	20047	19859	18319	415.61	17317	417.72		-2.11

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	320	320	7.77	324	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	200	200	4.60	192	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	830	813	19.48	812	
	Goindwal(GVK) (2*270)	540	0	0	-0.04	-2	
	Rajpura (2*700)	1400	1220	1320	31.14	1298	
	Talwandi Saboo (3*660)	1980	308	585	11.26	469	
	Thermal (Total)	6560	2878	3238	74.22	3092	
	Total Hydro	1000	416	456	10.90	454	
	Total Punjab	7560	3294	3694	85.11	3546	
	Haryana	Panipat TPS (2*210+2*250)	920	0	0	0.00	0
DCRTPP (Yamuna nagar) (2*300)		600	539	554	12.07	503	
Faridabad GPS (NTPC)(2*137.75+1*156)		432	182	189	4.15	173	
RGTPP (khedar) (IPP) (2*600)		1200	473	381	10.35	431	
Magnum Diesel (IPP)		25	0	0	0.00	0	
Jhajjar(CLP) (2*660)		1320	0	0	0.00	0	
Thermal (Total)		4497	1194	1124	26.57	1107	
Total Hydro		62	17	32	0.60	25	
Total Haryana		4559	1211	1156	27.17	1132	
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	790	792	19.39	808
	suratgarh TPS (6*250)	1500	385	404	10.65	444	
	Chabra TPS (4*250)	1000	425	592	11.44	477	
	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	169	175	4.33	180	
	RAPS A (NPC) (1*100+1*200)	300	136	137	3.40	142	
	Barsingsar (NLC) (2*125)	250	80	80	1.81	75	
	Giral LTPS (2*125)	250	0	0	0.00	0	
	Rajwest LTPS (IPP) (8*135)	1080	451	451	12.25	511	
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0	
	Kalisindh Thermal(2*600)	1200	410	406	9.87	411	
	Kawai(Adani) (2*660)	1320	915	864	22.50	937	
	Thermal (Total)	8876	3761	3901	96	3984	
	Total Hydro	550	0	0	0.00	0	
	Wind power	3214	1388	1241	30.54	1273	
	Biomass	99	13	13	0.30	13	
	Solar	730	0	0	2.53	105	
	Renewable/Others (Total)	4043	1401	1254	33.38	1391	
	Total Rajasthan	13469	5162	5155	129.00	5375	
	UP	Anpara TPS (3*210+2*500)	1630	1400	1414	33.60	1400
Obra TPS (2*50+2*94+5*200)		1194	5280	524	12.60	525	
Paricha TPS (2*110+2*220+2*250)		1160	701	738	18.50	771	
Panki TPS (2*105)		210	131	108	2.80	117	
Harduaganj TPS (1*60+1*105+2*250)		665	424	538	11.90	496	
Tanda TPS (NTPC) (4*110)		440	340	403	8.62	359	
Roza TPS (IPP) (4*300)		1200	765	1085	22.30	929	
Anpara-C (IPP) (2*600)		1200	999	1080	23.00	958	
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	283	405	7.20	300	
Anpara-D(2*500)		1000	0	293	5.90	246	
Lalitpur TPS(3*660)		1980	0	431	3.30	138	
Bara(2*660)		1320	394	529	11.60	483	
Thermal (Total)		12449	10717	7548	161	6722	
Vishnuparyag HPS (IPP)(4*110)		440	435	435	10.50	438	
Alaknanda(4*82.5)		330	170	171	4.60	192	
Other Hydro		527	15	3	0.84	35	
Cogeneration		981	0	0	0.00	0	
Total UP		14727	11337	8157	177	7386	
Uttarakhand		Total Hydro	1398	749	705	17.32	722
		Total Gas	225	0	0	0.00	0
	Total Uttarakhand	1623	749	705	17	722	
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0	
	Delhi Gas Turbine (6x30 + 3x34)	282	65	69	1.75	73	
	Pragati Gas Turbine (2x104+ 1x122)	330	267	263	6.40	267	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	254	255	6.07	253	
	Badarpur TPS (NTPC) (3*95+2*210)	705	327	325	7.05	294	
	Thermal (Total)	2917	913	911	21.27	886	
	Total Delhi	2917	913	911	21.27	886	
HP	Baspa HPS (IPP) (3*100)	300	301	331	7.78	324	
	Malana HPS (IPP) (2*43)	86	64	61	1.37	57	
	Other Hydro	878	268	380	7.11	296	
	Total HP	1264	633	772	16.25	677	
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		47619	24216	21459	495.26	20636	
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			6203.8	5709.3	141.46	5894	
Total Regional Availability(Gross)		72856	50279	45487	1052.33	43847	

IV. Total Hydro Generation:						
Regional Entities Hydro		12234	10983	9167	217.85	9077
State Control Area Hydro		7106	3352	3483	83	3453
Total Regional Hydro		19340	14335	12650	300.73	12530

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	0	250	0.00	4.80	-4.80
765 KV Gwalior-Agra (D/C)	2737	2550	2817	0	57.40	0.00	57.40
400 KV Zerda-Kankroli	-139	-184	0	319	0.00	4.93	-4.93
400 KV Zerda-Bhinmal	-117	-141	0	268	0.00	3.94	-3.94
220 KV Auraiya-Malanpur	-17	-21	0	86	0.00	0.24	-0.24
220 KV Badod-Kota/Morak	30	14	82	10	0.90	0.00	0.90
Mundra-Mohinderghar(HVDC Bipole)	2102	1802	2504	0.00	47.97	0.00	47.97
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	458	528	697	375	12.74	0.00	12.74
Sub Total WR	4804	4298			119.01	13.91	105.11
Pusauli Bypass/HVDC	400	200	400	0	6.46	0.00	6.46
400 KV MZP- GKP (D/C)	219	184	502	0	6.17	0.00	6.17
400 KV Patna-Balia(D/C) X 2	323	536	641	0	12.37	0.00	12.37
400 KV B'Sharif-Balia (D/C)	46	-70	188	0	0.44	0.00	0.44
765 KV Gaya-Balia	192	158	202	0	1.96	0.00	1.96
765 KV Gaya-Varanasi (D/C)	-148	-43	198	13	2.44	0.00	2.44
220 KV Pusauli-Sahupuri	191	243	243	0	5.02	0.00	5.02
132 KV K'nasa-Sahupuri	-22	-36	0	37	0.00	0.55	-0.55
132 KV Son Ngr-Rihand	-36	-30	0	40	0.00	0.57	-0.57
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-270	-299	0	299	0.00	5.17	-5.17
400 KV Barh -GKP (D/C)	362	484	522	0	9.86	0.00	9.86
400 kV B'Sharif - Varanasi (D/C)	143	84	25	170	0.00	2.09	-2.09
Sub Total ER	1400	1411			44.72	8.37	36.35
+/- 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	6204	5709			163.74	22.28	141.46

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
36.47	1.36	37.83	6.56	9.90	-1.93	-2.32	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
42.46	97.96	140.42	36.35	105.11	141.46	-6.10	7.15	1.04

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	-28	-24	0	32	0	1	-0.65

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	0.36	6.47	45.02	69.38	16.44	7.77	0.00	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)		
50.19	17.04	49.76	19.52	50.01	0.044	0.066	50.22	49.91	30.62

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	6:05	400	21:27	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	421	18:04	392	0:15	0.0	0.0	0.3	0.0	0.3
Bareilly(PG)400kV	400	414	6:03	387	0:16	0.0	3.7	0.0	0.0	0.0
Kanpur	400	0	0:00	0	0:00	0.0	0.0	0.0	0.0	0.0
Dadri	400	418	6:04	393	23:36	0.0	0.0	0.0	0.0	0.0
Ballabgarh	400	424	6:05	396	22:41	0.0	0.0	14.4	0.0	14.4
Bawana	400	418	6:04	393	23:47	0.0	0.0	0.0	0.0	0.0
Bassi	400	417	5:02	388	23:39	0.0	2.2	0.0	0.0	0.0
Hissar	400	414	6:02	389	23:43	0.0	0.2	0.0	0.0	0.0
Moga	400	408	6:05	391	23:36	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	414	6:01	394	23:43	0.0	0.0	0.0	0.0	0.0
Nalagarh	400	415	6:00	399	23:36	0.0	0.0	0.0	0.0	0.0
Kishenpur	400	408	6:04	391	20:58	0.0	0.0	0.0	0.0	0.0
Wagoora	400	407	6:00	376	20:45	4.3	15.7	0.0	0.0	4.3
Amritsar	400	415	18:00	166	18:15	0.0	0.0	0.0	0.0	0.0
Kashipur	400	418	6:01	405	0:00	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	400	0:00	394	15:11	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	423	6:08	390	15:29	0.0	0.0	2.3	0.0	2.3

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	789	8:00	744	0:16	0.0	0.0	0.0	0.0	0.0
Balia	765	784	17:33	738	0:15	0.0	5.3	0.0	0.0	0.0
Moga	765	786	6:06	748	23:47	0.0	0.0	0.0	0.0	0.0
Agra	765	790	8:01	743	22:41	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	794	6:04	751	23:22	0.0	0.0	0.0	0.0	0.0
Unnao	765	778	8:02	731	0:17	0.0	16.3	0.0	0.0	0.0
Lucknow	765	787	18:17	736	0:16	0.0	5.6	0.0	0.0	0.0
Meerut	765	797	6:05	752	23:43	0.0	0.0	0.0	0.0	0.0
Jhatikara	765	789	6:00	741	22:39	0.0	0.7	0.0	0.0	0.0
Bareilly 765 kV	765	789	6:06	738	0:17	0.0	3.2	0.0	0.0	0.0
Anta	765	786	8:06	734	13:48	0.0	0.1	0.0	0.0	0.0
Phagi	765	789	9:02	743	22:42	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	0.00	0.00	0.00	0.00	0.00	0.00
Pong	426.72	384.05	0.00	0.00	0.00	0.00	0.00	0.00
Tehri	829.79	740.04	743.95	19.04	743.45	19.00	238.69	171.00
Koteswar	612.50	598.50	606.02	2.78	608.89	4.21	171.00	166.36
Chamera-I	760.00	748.75	753.76	0.00	0.00	0.00	248.28	193.74
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	505.63	3.79	521.80	6.55	208.04	153.82

* 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	199	410	0	199	280	0	4.78	10.76	15.53
Delhi	178	237	0	494	-94	0	10.52	-0.73	9.79
Haryana	771	270	0	552	213	0	15.52	5.73	21.25
HP	-822	-467	0	-567	-580	0	-15.65	-11.69	-27.34
J&K	-578	0	0	-571	25	0	-15.47	-0.33	-15.80
CHD	0	0	0	0	0	0	0.35	0.00	0.35
Rajasthan	-7	369	0	-7	365	0	-0.17	8.65	8.48
UP	1150	0	0	893	0	0	22.42	0.00	22.42
Uttarakhand	58	15	0	58	130	0	1.40	1.37	2.77
Total	948	834	0	1052	339	0	23.70	13.75	37.45

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	199	199	814	276	0	0
Delhi	641	178	458	-512	0	0
Haryana	798	552	273	212	0	0
HP	-567	-822	-346	-639	0	0
J&K	-527	-899	25	-50	0	0
CHD	44	0	0	0	0	0
Rajasthan	-7	-7	369	236	0	0
UP	1359	805	0	0	0	0
Uttarakhand	58	58	130	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	1.74%
ER	0.00%
Simultaneous	6.25%

(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 12.06.2016 :
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.