

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 25.05.2016
Date of Reporting : 26.05.2016



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
37110	442	37551	50.08	38699	492	39191	50.03	907.1	9.18

*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	49.20	9.68		58.88	79.73	81.57	1.84	140.45	0.00
Haryana	24.26	0.58		24.84	100.95	98.31	-2.64	123.15	0.00
Rajasthan	99.56	0.23	41.23	141.02	50.32	50.74	0.42	191.76	0.30
Delhi	15.53			15.53	88.52	87.61	-0.91	103.14	0.05
UP	91.99	14.34		106.33	138.45	134.95	-3.50	241.28	0.00
Uttarakhand		15.24		15.24	21.28	22.78	1.51	38.02	0.34
HP		15.73		15.73	7.05	8.69	1.64	24.42	0.00
J & K		24.68	0.00	24.68	14.78	14.77	0.00	39.45	8.49
Chandigarh				0.00	5.67	5.45	0.27	5.45	0.00
Total	280.53	80.47	41.23	402.23	506.74	504.88	-1.38	907.11	9.18

* 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				# Max(hourly) Demand Met of Day (MW)	Time	Shortage
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction			
Punjab	6213	0	9	153	5161	0	444	6388	21:00	0	
Haryana	5225	0	-63	578	5417	0	-145	660	5998	23:00	0
Rajasthan	7162	0	-480	82	8552	0	280	90	8637	7:00	0
Delhi	4127	0	-129	653	4452	0	28	607	5203	17:00	0
UP	9719	0	-96	1249	11417	280	-181	1408	11576	2:00	0
Uttarakhand	1676	0	102	276	1528	0	25	157	1747	21:00	0
HP	981	0	55	-1271	788	0	-116	-1004	1183	11:00	0
J&K	1767	442	110	-617	1199	212	-230	-719	1885	21:00	471
Chandigarh	241	0	-1	20	184	0	-4	20	284	16:00	0
Total	37110	442	-493	1122	38699	492	-358	1661	39726	24:00	-665

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

Diversity is: 1.08

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)]	
								Net MU	Net MU
A. NTPC									
Singrauli STPS (5*200+2*500)	2000	1865	1740	2015	41.82	1743	40.78	1.04	
Rihand I STPS (2*500)	1000	339	238	404	7.39	308	7.23	0.16	
Rihand II STPS (2*500)	1000	948	851	898	19.23	801	19.33	-0.10	
Rihand III STPS (2*500)	1000	948	924	880	19.88	828	20.65	-0.77	
Dadri I STPS (4*210)	840	805	555	560	6.94	289	7.11	-0.18	
Dadri II STPS (2*490)	980	960	675	670	17.01	709	17.67	-0.67	
Unchahar I TPS (2*210)	420	357	281	304	6.93	289	7.48	-0.55	
Unchahar II TPS (2*210)	420	376	314	322	6.85	285	7.40	-0.55	
Unchahar III TPS (1*210)	210	200	151	149	3.51	146	3.93	-0.42	
ISTPP (Jhajjar) (3*500)	1500	1425	743	572	15.55	648	15.60	-0.05	
Dadri GPS (4*130.19+2*154.51)	830	779	248	367	7.21	300	7.42	-0.21	
Anta GPS (3*88.71+1*153.2)	419	392	0	0	0.00	0	0.00	0.00	
Auraiya GPS (4*111.19+2*109.30)	663	622	154	137	3.11	130	3.12	-0.01	
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	0.01	0	0.06	-0.05	
KHEP(4*200)	800	872	868	868	13.07	545	13.00	0.07	
Sub Total (A)	12112	10894	7742	8146	169	7023	171	-2.30	
B. NPC									
NAPS (2*220)	440	386	436	435	9.44	394	9.26	0.18	
RAPS- B (2*220)	440	234	356	224	5.34	222	5.61	-0.27	
RAPS- C (2*220)	440	210	214	215	4.40	183	5.04	-0.64	
Sub Total (B)	1320	830	1006	874	19.18	799	19.91	-0.73	
C. NHPC									
Chamera I HPS (3*180)	540	545	545	543	12.06	503	12.10	-0.04	
Chamera II HPS (3*100)	300	300	307	307	6.78	283	6.72	0.07	
Chamera III HPS (3*77)	231	170	183	182	4.16	173	4.12	0.04	
Bairasuli HPS(3*60)	180	179	182	51	2.16	90	2.16	0.00	
Salal-HPS (6*115)	690	604	658	643	15.32	639	14.48	0.84	
Tanakpur-HPS (3*31.4)	94	39	50	51	1.00	42	0.95	0.05	
Uri-I HPS (4*120)	480	475	474	473	11.46	478	11.40	0.06	
Uri-II HPS (4*60)	240	235	239	239	5.68	237	5.64	0.04	
Dhauliganga-HPS (4*70)	280	210	217	142	3.19	133	3.17	0.02	
Dulhasti-HPS (3*130)	390	387	409	406	9.50	396	9.29	0.21	
Sewa-II HPS (3*40)	120	119	127	126	2.84	119	2.86	-0.01	
Parbati 3 (4*130)	520	260	130	0	1.73	72	1.69	0.04	
Sub Total (C)	4065	3520	3520	3162	76	3162	75	1.31	
D. SJVNL									
NJPC (6*250)	1500	1605	1629	1424	31.09	1296	31.77	-0.67	
Rampur HEP (6*68.67)	412	437	371	407	8.69	362	8.72	-0.03	
Sub Total (D)	1912	2042	2000	1831	39.78	1658	40.48	-0.70	
E. THDC									
Tehri HPS (4*250)	1000	264	138	262	5.29	220	5.32	-0.04	
Koteshwar HPS (4*100)	400	114	187	179	2.72	113	2.75	-0.03	
Sub Total (E)	1400	378	325	441	8.01	334	8.07	-0.06	
F. BBMB									
Bhakra HPS (2*108+3*126+5*157)	1379	589	1079	477	14.61	609	14.14	0.47	
Dehar HPS (6*165)	990	596	609	620	14.31	596	14.31	0.00	
Pong HPS (6*66)	396	104	196	49	2.46	102	2.50	-0.04	
Sub Total (F)	2765	1289	1935	1146	31.37	1307	30.95	0.43	
G. IPP(s)/JV(s)									
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	101	73	1.97	82	1.97	0.00	
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	950	750	17.63	734	17.70	-0.07	
Malana Stg-II HPS (2*50)	100	0	35	30	0.98	41	0.93	0.05	
Shree Cement TPS (2*150)	300	0	264	239	5.72	238	5.70	0.02	
Budhil HPS(IPP) (2*35)	70	0	35	40	0.89	37	1.65	-0.76	
Sub Total (G)	1662	0	1386	1132	27.19	1133	27.95	-0.76	
H. Total Regional Entities (A-G)	25237	18953	17913	16732	369.97	15416	372.79	-2.82	

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	210	160	3.95	164
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	110	100	2.38	99
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	212	183	4.14	173
	Goindwal(GVK) (2*270)	540	0	0	-0.04	-2
	Rajpura (2*700)	1400	1320	1020	27.78	1158
	Talwandi Saboo (3*660)	1980	614	308	10.99	458
	Thermal (Total)	6560	2466	1771	49.20	2050
	Total Hydro	1000	408	364	9.68	403
	Total Punjab	7560	2874	2135	58.88	2453
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	273	0	2.42	101
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	160	190	4.14	172
	RGTPP (Khedar) (IPP) (2*600)	1200	381	388	8.79	366
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	373	375	8.92	371
	Thermal (Total)	4944	1187	953	24.26	1011
	Total Hydro	62	28	31	0.58	24
	Total Haryana	5006	1215	984	24.84	1035
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	791	815	19.30
suratgarh TPS (6*250)		1500	375	457	9.16	382
Chabra TPS (4*250)		1000	548	435	12.29	512
Dholpur GPS (3*110)		330	98	99	2.41	100
Ramgarh GPS(1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)		271	208	179	4.29	179
RAPS A (NPC) (1*100+1*200)		300	122	141	3.17	132
Barsingsar (NLC) (2*125)		250	0	0	0.00	0
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwst LTPS (IPP) (8*135)		1080	454	833	12.50	521
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(2*600)		1200	803	48	13.55	565
Kawai(Adani) (2*660)		1320	863	1082	22.89	954
Thermal (Total)		8876	4262	4089	100	4148
Total Hydro		550	31	0	0.23	10
Wind power		3214	1248	1682	38.03	1584
Biomass		99	32	32	0.77	32
Solar		730	0	0	2.44	102
Renewable/Others (Total)		4043	1280	1714	41.23	1718
Total Rajasthan		13469	5573	5803	141.02	5876
UP		Anpara TPS (3*210+2*500)	1630	1418	1378	33.00
	Obra TPS (2*50+2*94+5*200)	1194	335	341	8.13	339
	Paricha TPS (2*110+2*220+2*250)	1160	678	814	19.25	802
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaqanj TPS (1*60+1*105+2*250)	665	163	221	4.97	207
	Tanda TPS (NTPC) (4*110)	440	275	389	8.60	358
	Roza TPS (IPP) (4*300)	1200	189	0	3.26	136
	Anpara-C (IPP) (2*600)	1200	547	536	12.33	514
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	0	0.00	0
	Anpara-D(2*500)	1000	0	0	0.00	0
	Lalitpur TPS(3*660)	1980	0	0	0.00	0
	Bara(2*660)	1320	0	0	0.04	2
	Thermal (Total)	12449	3605	3679	90	3733
	Vishnuparyag HPS (IPP)(4*110)	440	326	435	9.71	404
	Alaknanda(4*82.5)	330	87	173	3.30	138
	Other Hydro	527	40	149	1.34	56
	Cogeneration	981	100	100	2.40	100
Total UP	14727	4158	4536	106	4430	
Uttarakhand	Total Hydro	1398	628	651	15.24	635
	Total Uttarakhand	1398	628	651	15.24	635
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	102	93	2.34	97
	Pragati Gas Turbine (2x104+ 1x122)	330	263	262	6.38	266
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	-4	-4	-0.11	-4
	Badarpur TPS (NTPC) (3*95+2*210)	705	320	329	6.93	289
	Thermal (Total)	2917	681	680	15.53	647
	Total Delhi	2917	681	680	15.53	647
HP	Baspa HPS (IPP) (3*100)	300	200	300	6.56	274
	Malana HPS (IPP) (2*43)	86	31	29	0.88	37
	Other Hydro	878	333	341	8.28	345
	Total HP	1264	564	670	15.73	655
J & K	Baglihar HPS (IPP) (3*150+2*150)	750	880	882	21.13	881
	Other Hydro/IPP	560	150	148	3.54	148
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	1500	1030	1030	24.68	1028
Total State Control Area Generation		47841	16723	16489	402.23	16760
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			4517	5487	150.61	6275
Total Regional Availability(Gross)		73078	39153	38709	922.81	38451

IV. Total Hydro Generation:

Regional Entities Hydro	12234	9734	8301	188.70	7862
State Control Area Hydro	6881	3142	3503	80	3353
Total Regional Hydro	19115	12876	11804	269.17	11215

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)	-100	-250	250	250	0.55	4.28	-3.73
765 KV Gwalior-Agra (D/C)	2182	2191	2661	0	53.05	0.00	53.05
400 KV Zerda-Kankroli	-112	-162	0	273	0.00	3.55	-3.55
400 KV Zerda-Bhinmal	-72	-162	42	269	0.00	3.06	-3.06
220 KV Auraiya-Malanpur	50	-1	0	58	0.00	0.00	0.00
220 KV Badod-Kota/Morak	-59	29	68	-39	-0.19	0.00	-0.19
Mundra-Mohindergarh(HVDC Bipole)	1499	1998	2513	0	47.02	0.00	47.02
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	316	886	911	167	12.29	0.00	12.29
Sub Total WR	3704	4529			112.72	10.89	101.83
Pusauli Bypass/HVDC	-200	-200	200	0	4.87	0.00	4.87
400 KV MZP- GKP (D/C)	388	268	772	0	9.44	0.00	9.44
400 KV Patna-Balia(D/C) X 2	506	714	744	0	11.69	0.00	11.69
400 KV B'Sharif-Balia (D/C)	109	59	296	0	2.93	0.00	2.93
765 KV Gaya-Balia	208	155	354	0	2.53	0.00	2.53
765 KV Gaya-Varanasi (D/C)	-164	-68	365	0	4.07	0.00	4.07
220 KV Pusauli-Sahupuri	-176	-185	207	0	3.18	0.00	3.18
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-20	-24	0	24	0.00	0.42	-0.42
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-98	-184	89	201	0.00	1.48	-1.48
400 KV Barh -GKP (D/C)	382	544	572	0	9.06	0.00	9.06
400 kV B'Sharif - Varanasi (D/C)	-122	-121	110	94	0.00	0.24	-0.24
Sub Total ER	813	958			47.78	2.14	45.64
+/- 800 KV BiswanathCharialli-Agra	0	0	486	0	3.13	0.00	3.13
Sub Total NER	0	0			3.13	0.00	3.13
Total IR Exch	4517	5487			163.64	13.03	150.61

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
36.40	1.11	37.52	3.93	8.88	3.41	0.00	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
44.86	109.35	154.21	48.78	101.83	150.61	3.92	-7.52	-3.60

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	-29	-24	0	-33	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	0.00	0.00	2.58	34.59	64.91	24.34	8.04	0.23	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)		
50.22	17.06	49.83	22.17	50.02	0.039	0.058	0.00	0.00	35.09

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	416	4:01	402	15:42	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	427	4:00	397	22:09	0.0	0.0	26.1	0.0	26.1
Bareilly(PG)400kV	400	420	3:58	387	14:33	0.0	1.3	0.0	0.0	0.0
Kanpur	400	428	3:58	397	19:42	0.0	0.0	27.6	0.0	27.6
Dadri	400	424	6:00	397	15:43	0.0	0.0	13.7	0.0	13.8
Ballabgarh	400	429	4:23	398	15:43	0.0	0.0	35.7	0.0	35.7
Bawana	400	425	6:03	398	15:45	0.0	0.0	15.9	0.0	15.9
Bassi	400	428	4:00	393	15:47	0.0	0.0	22.9	0.0	22.9
Hissar	400	0	0:00	0	0:00	0.0	0.0	0.0	0.0	0.0
Moga	400	419	4:30	395	15:47	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	428	6:00	404	14:25	0.0	0.0	23.7	0.0	23.7
Nalagarh	400	428	4:52	403	15:54	0.0	0.0	22.3	0.0	22.3
Kishenpur	400	418	5:01	398	19:49	0.0	0.0	0.0	0.0	0.0
Wagoora	400	416	4:17	379	19:21	1.2	19.4	0.0	0.0	1.2
Amritsar	400	430	5:07	402	15:47	0.0	0.0	20.3	0.0	20.3
Kashipur	400	420	4:22	406	14:44	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	418	3:22	400	15:55	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	414	7:50	376	11:32	1.6	30.9	0.0	0.0	1.6

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	783	4:16	735	19:50	0.0	4.2	0.0	0.0	0.0
Balia	765	795	4:00	744	22:08	0.0	0.0	0.0	0.0	0.0
Moga	765	797	4:30	758	15:46	0.0	0.0	0.0	0.0	0.0
Agra	765	794	0:28	746	19:51	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	804	4:18	759	15:49	0.0	0.0	5.7	0.0	5.7
Unnao	765	783	4:00	729	22:08	0.0	32.7	0.0	0.0	0.0
Lucknow	765	800	4:00	745	15:52	0.0	0.0	0.0	0.0	0.0
Meerut	765	798	4:23	754	11:24	0.0	0.0	0.0	0.0	0.0
Jhatikara	765	794	4:16	670	15:35	1.0	1.0	0.0	0.0	1.0
Bareilly 765 kV	765	793	4:00	735	15:52	0.0	8.4	0.0	0.0	0.0
Anta	765	799	2:23	752	19:45	23.8	23.8	0.0	0.0	23.8
Phagi	765	0	0:00	0	0:00	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	477.72	407.63	487.75	661.49	867.15	496.93
Pong	426.72	384.05	391.76	76.21	405.71	361.16	92.45	208.75
Tehri	829.79	740.04	742.95	13.93	753.15	70.05	149.64	202.00
Koteshwar	612.50	598.50	603.47	1.69	607.10	3.32	202.00	179.00
Chamera-I	760.00	748.75	753.41	0.00	0.00	0.00	220.90	330.85
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	503.88	2.72	522.27	10.80	244.78	107.84

* 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	-23	467	0	-226	379	0	-0.23	11.03	10.80
Delhi	478	129	0	550	103	0	14.21	3.01	17.22
Haryana	349	311	0	285	294	0	8.17	7.49	15.66
HP	-543	-461	0	-340	-932	0	-10.94	-15.23	-26.17
J&K	-529	-191	0	-602	-14	0	-14.96	-1.40	-16.37
CHD	0	20	0	0	20	0	0.35	0.61	0.96
Rajasthan	-413	503	0	-413	495	0	-9.92	11.89	1.97
UP	1408	0	0	1249	0	0	29.51	0.00	29.51
Uttarakhand	131	26	0	131	145	0	3.15	1.05	4.20
Total	858	803	0	634	489	0	19.34	18.46	37.79

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	151	-226	487	378	0	0
Delhi	762	478	405	-200	0	0
Haryana	482	285	336	294	0	0
HP	-340	-543	-264	-1034	0	0
J&K	-529	-748	-14	-191	0	0
CHD	44	0	59	0	0	0
Rajasthan	-413	-413	503	488	0	0
UP	1419	1116	0	0	0	0
Uttarakhand	131	131	149	4	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	0.69%

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

WR	0.00%
ER	0.00%
Simultaneous	21.53%

(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 25.05.2016 :

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.