

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पारदर्शिता की पूर्ण स्वाभिमूर्ति प्राप्त सहायक कंपनी)

उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 25.08.2016
Date of Reporting : 26.08.2016



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
44222	795	45017	50.14	40119	416	40535	50.09	992.5	9.04

*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	41.23	14.29		55.52	102.93	102.55	-0.38	158.07	0.00
Haryana	28.73	1.01		29.74	127.61	125.53	-2.09	155.27	0.00
Rajasthan	76.24	7.79	6.11	90.13	62.15	62.29	0.14	152.42	0.00
Delhi	21.20			21.20	77.76	76.74	-1.01	97.94	0.00
UP	123.56	25.40		148.96	170.34	173.70	3.36	322.66	0.00
Uttarakhand		20.20		20.93	17.75	18.43	0.69	39.37	0.00
HP		25.72		25.72	-1.22	-0.49	0.73	25.24	0.00
J & K		21.97	0.00	21.97	15.72	14.20	-1.52	36.17	9.04
Chandigarh				0.00	5.97	5.34	-0.62	5.34	0.00
Total	290.97	116.37	6.11	414.18	579.00	578.31	-0.70	992.48	9.04

* 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	7008	0	112	985	5751	0	-32	1537	7097	16:00	0
Haryana	7146	0	196	2139	6421	0	-109	2130	7749	21:00	0
Rajasthan	7142	0	315	337	6212	0	-41	351	7367	21:00	0
Delhi	4093	0	-245	178	4164	0	67	180	4686	1:00	0
UP	13817	330	282	1126	13953	165	131	1811	14152	1:00	510
Uttarakhand	1784	0	12	92	1531	0	-22	42	1784	20:00	0
HP	1119	0	185	-1712	884	0	-33	-1679	1234	11:00	0
J&K	1859	465	156	-648	1005	251	-258	-1050	1867	19:00	467
Chandigarh	255	0	-27	0	198	0	-27	0	256	23:00	0
Total	44222	795	985	2497	40119	416	-324	3322	44872	21:00	146

\$ 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	Declared Capacity(MW)	Peak MW	Off Peak MW	Energy	Average	Schedule	UI
	(Effective) MW		(Gross)	(Gross)	(Net MU)	Sentout(MW)	Net MU	Net MU
A. NTPC								
Singrauli STPS (5*200+2*500)	2000	1250	1288	1171	28.71	1196	27.69	1.02
Rihand I STPS (2*500)	1000	912	908	754	18.93	789	18.92	0.01
Rihand II STPS (2*500)	1000	460	426	362	9.60	400	9.28	0.32
Rihand III STPS (2*500)	1000	959	965	761	19.39	808	19.22	0.17
Dadri I STPS (4*210)	840	805	638	602	13.77	574	13.69	0.08
Dadri II STPS (2*490)	980	960	980	690	18.16	757	19.24	-1.07
Unchahar I TPS (2*210)	420	400	404	332	7.74	323	8.25	-0.51
Unchahar II TPS (2*210)	420	400	401	312	7.05	294	7.53	-0.48
Unchahar III TPS (1*210)	210	200	194	147	3.42	142	3.75	-0.33
ISTPP (Jhajjar) (3*500)	1500	1425	1050	945	21.43	893	21.41	0.02
Dadri GPS (4*130.19+2*154.51)	830	792	390	363	6.94	289	7.25	-0.31
Anta GPS (3*88.71+1*153.2)	419	361	0	0	0.00	0	0.00	0.00
Auraiya GPS (4*111.19+2*109.30)	663	634	147	153	0.31	13	3.15	-2.83
Dadri Solar(5)	5	1	0	0	0.02	1	0.02	0.00
Unchahar Solar(10)	10	2	0	0	0.04	2	0.05	-0.01
Singrauli Solar(15)	15	2	0	0	0.06	2	0.06	0.00
KHEP(4*200)	800	855	857	853	20.65	860	20.52	0.13
Sub Total (A)	12112	10418	8648	7445	176	7342	180	-3.81
B. NPC								
NAPS (2*220)	440	378	416	420	9.12	380	9.07	0.05
RAPS- B (2*220)	440	177	205	202	4.19	175	4.25	-0.06
RAPS- C (2*220)	440	405	439	441	9.43	393	9.72	-0.29
Sub Total (B)	1320	960	1060	1063	22.74	948	23.04	-0.30
C. NHPC								
Chamera I HPS (3*180)	540	540	546	548	13.06	544	12.96	0.10
Chamera II HPS (3*100)	300	301	310	304	7.31	304	7.22	0.09
Chamera III HPS (3*77)	231	227	232	231	5.49	229	5.44	0.05
Bairasuli HPS(3*60)	180	179	181	121	2.49	104	2.43	0.06
Salal-HPS (6*115)	690	662	670	670	16.10	671	15.89	0.21
Tanakpur-HPS (3*31.4)	94	85	94	93	2.05	86	2.05	0.01
Uri-I HPS (4*120)	480	299	258	322	7.41	309	7.17	0.24
Uri-II HPS (4*60)	240	170	241	165	4.17	174	4.07	0.10
Dhauliganga-HPS (4*70)	280	209	211	217	5.04	210	5.01	0.04
Dulhasti-HPS (3*130)	390	380	395	383	8.97	374	9.12	-0.15
Sewa-II HPS (3*40)	120	119	120	0	2.22	92	2.20	0.02
Parbati 3 (4*130)	520	372	390	393	6.34	264	6.24	0.10
Sub Total (C)	4065	3542	3647	3448	81	3360	80	0.85
D. SJVNL								
NJPC (6*250)	1500	1605	1612	1606	38.48	1603	37.80	0.68
Rampur HEP (6*68.67)	412	442	444	446	10.73	447	10.61	0.13
Sub Total (D)	1912	2047	2056	2052	49.21	2050	48.41	0.80
E. THDC								
Tehri HPS (4*250)	1000	1060	1060	250	14.65	610	14.00	0.65
Koteshwar HPS (4*100)	400	206	399	184	4.99	208	4.95	0.04
Sub Total (E)	1400	1266	1459	434	19.64	818	18.95	0.69
F. BBMB								
Bhakra HPS (2*108+3*126+5*157)	1379	838	1331	668	20.00	833	20.11	-0.12
Dehar HPS (6*165)	990	610	825	580	14.71	613	14.64	0.07
Pong HPS (6*66)	396	325	330	396	7.88	328	7.79	0.09
Sub Total (F)	2765	1773	2486	1644	42.59	1775	42.54	0.05
G. IPP(s)/JV(s)								
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	211	230	4.78	199	3.89	0.89
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1100	1100	26.18	1091	26.08	0.10
Malana Stg-II HPS (2*50)	100	0	112	112	2.46	103	2.48	-0.02
Shree Cement TPS (2*150)	300	0	188	148	4.03	168	4.28	-0.26
Budhil HPS(IPP) (2*35)	70	0	75	74	1.76	73	1.75	0.01
Sub Total (G)	1662	0	1686	1663	39.21	1634	38.48	0.73
H. Total Regional Entities (A-G)	25237	20006	21042	17749	430.24	17927	431.23	-0.99

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	160	160	3.49	145	
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	90	90	1.94	81	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	194	194	4.17	174	
	Goindwal(GVK) (2*270)	540	0	0	-0.04	-2	
	Rajpura (2*700)	1400	660	660	16.00	667	
	Talwandi Saboo (3*660)	1980	616	689	15.67	653	
	Thermal (Total)	6560	1720	1793	41.23	1718	
	Total Hydro	1000	608	586	14.29	595	
	Total Punjab	7560	2328	2379	55.52	2313	
	Haryana	Panipat TPS (2*210+2*250)	920	0	0	0.00	0
DCRTPP (Yamuna nagar) (2*300)		600	473	555	12.40	516	
Faridabad GPS (NTPC)(2*137.75+1*156)		432	319	313	7.49	312	
RGTPP (khedar) (IPP) (2*600)		1200	0	0	0.00	0	
Magnum Diesel (IPP)		25	0	0	0.00	0	
Jhajjar(CLP) (2*660)		1320	372	372	8.84	369	
Thermal (Total)		4497	1164	1241	28.73	1197	
Total Hydro		62	41	41	1.01	42	
Total Haryana		4559	1205	1281	29.74	1239	
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	720	704	16.87	703
	suratgarh TPS (6*250)	1500	384	366	8.77	365	
	Chabra TPS (4*250)	1000	386	367	8.90	371	
	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	85	101	2.63	109	
	RAPS A (NPC) (1*100+1*200)	300	164	163	4.09	170	
	Barsingsar (NLC) (2*125)	250	221	226	5.29	221	
	Giral LTPS (2*125)	250	0	0	0.00	0	
	Rajwest LTPS (IPP) (8*135)	1080	526	386	9.83	410	
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0	
	Kalisindh Thermal(2*600)	1200	436	409	9.83	410	
	Kawai(Adani) (2*660)	1320	437	270	10.04	418	
	Thermal (Total)	8876	3359	2992	76	3177	
	Total Hydro	550	309	311	7.79	324	
	Wind power	3214	174	182	5.63	234	
	Biomass	99	20	20	0.48	20	
	Solar	730	0	0	0.00	0	
	Renewable/Others (Total)	4043	194	202	6.11	254	
	Total Rajasthan	13469	3862	3505	90.13	3756	
	UP	Anpara TPS (3*210+2*500)	1630	841	759	18.30	763
Obra TPS (2*50+2*94+5*200)		1194	235	171	5.40	225	
Paricha TPS (2*110+2*220+2*250)		1160	900	892	21.50	896	
Panki TPS (2*105)		210	144	140	3.30	138	
Harduaganj TPS (1*60+1*105+2*250)		665	534	486	12.70	529	
Tanda TPS (NTPC) (4*110)		440	346	370	8.36	348	
Roza TPS (IPP) (4*300)		1200	1103	1098	26.30	1096	
Anpara-C (IPP) (2*600)		1200	491	311	11.00	458	
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	405	405	9.20	383	
Anpara-D(2*500)		1000	0	0	0.00	0	
Lalitpur TPS(3*660)		1980	77	495	6.30	263	
Bara(2*660)		1320	0	0	0.00	0	
Thermal (Total)		12449	5076	5127	122	5098	
Vishnuparyag HPS (IPP)(4*110)		440	435	435	10.50	438	
Alaknanda(4*82.5)		330	337	338	8.00	333	
Other Hydro		527	297	302	6.90	288	
Cogeneration		981	50	50	1.20	50	
Total UP		14727	6195	6252	149	6207	
Uttarakhand		Total Hydro	1398	918	863	20.20	842
		Total Gas	225	87	0	0.74	31
	Total Uttarakhand	1623	1005	863	21	872	
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0	
	Delhi Gas Turbine (6x30 + 3x34)	282	73	72	1.71	71	
	Pragati Gas Turbine (2x104+ 1x122)	330	263	262	6.39	266	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (4*216+2*253)	1370	254	253	6.02	251	
	Badarpur TPS (NTPC) (3*95+2*210)	705	325	328	7.08	295	
	Thermal (Total)	2917	915	915	21.20	883	
	Total Delhi	2917	915	915	21.20	883	
HP	Baspa HPS (IPP) (3*100)	300	330	300	7.57	315	
	Malana HPS (IPP) (2*43)	86	109	104	2.45	102	
	Other Hydro	878	623	675	15.71	655	
	Total HP	1264	1062	1079	25.72	1072	
J & K	Baglihar HPS (IPP) (3*150+2*150)	750	733	733	17.59	733	
	Other Hydro/IPP	560	181	185	4.38	182	
	Gas/Diesel/Others	190	0	0	0.00	0	
	Total J & K	1500	914	918	21.97	915	
Total State Control Area Generation		47619	17486	17192	414.18	17257	
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			8287.29	6525.78	163.80	6825	
Total Regional Availability(Gross)		72856	46816	41467	1008.21	42009	
IV. Total Hydro Generation:							
Regional Entities Hydro		12234	11929	9872	246.14	10256	
State Control Area Hydro		7106	5008	4873	117.10	4879	
Total Regional Hydro		19340	16937	14745	363.24	15135	

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	-500	0	500	0.00	9.67	-9.67
765 KV Gwalior-Agra (D/C)	2442	2130	2774	0	50.97	0.00	50.97
400 KV Zerda-Kankroli	113	3	141	101	0.29	0.00	0.29
400 KV Zerda-Bhinmal	158	48	228	88	1.05	0.00	1.05
220 KV Auraiya-Malanpur	-31	-9	0	53	0.00	0.24	-0.24
220 KV Badod-Kota/Morak	58	53	94	41	0.81	0.00	0.81
Mundra-Mohinderghar(HVDC Bipole)	2197	1798	2205	0.00	46.86	0.00	46.86
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	874	844	1009	0	18.19	0.00	18.19
Sub Total WR	5561	4367			118.16	9.92	108.25
Pusauli Bypass/HVDC	250	250	250	0	6.08	0.00	6.08
400 KV MZP- GKP (D/C)	244	156	396	0	5.72	0.00	5.72
400 KV Patna-Balia(D/C) X 2	517	288	592	0	10.14	0.00	10.14
400 KV B'Sharif-Balia (D/C)	41	39	139	0	1.40	0.00	1.40
765 KV Gaya-Balia	277	328	366	0	3.43	0.00	3.43
765 KV Gaya-Varanasi (D/C)	449	337	526	0	8.23	0.00	8.23
220 KV Pusauli-Sahupuri	226	230	237	0	5.19	0.00	5.19
132 KV K'nasa-Sahupuri	-30	-28	0	38	0.00	0.63	-0.63
132 KV Son Ngr-Rihand	-40	-34	0	40	0.00	0.72	-0.72
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-318	-374	0	388	0.00	7.03	-7.03
400 KV Barh -GKP (D/C)	420	356	448	0	8.45	0.00	8.45
400 kV B'Sharif - Varanasi (D/C)	-10	-89	30	102	0.00	0.84	-0.84
Sub Total ER	2026	1459			48.64	9.22	39.41
+/- 800 KV BiswanathChariali-Agra	700	700	700	0.00	16.14	0.00	16.14
Sub Total NER	700	700			16.14	0.00	16.14
Total IR Exch	8287	6526			182.94	19.14	163.80

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
33.75	3.70	37.45	36.50	12.53	-1.80	1.50	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
72.15	108.56	180.70	55.55	108.25	163.80	-16.59	-0.31	-16.90

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	-25	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	0.00	0.00	2.63	45.30	76.24	17.56	3.59	0.05	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)		
50.21	18.02	49.81	0.12	50.01	0.029	0.053	50.20	0.00	23.76

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	417	5:40	411	13:00	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	422	7:05	405	12:39	0.0	0.0	1.7	0.0	1.7
Bareilly(PG)400kV	400	415	6:02	400	13:49	0.0	0.0	0.0	0.0	0.0
Kanpur	400	421	6:00	407	19:14	3.4	3.4	0.6	0.0	4.0
Dadri	400	418	6:02	404	12:17	0.0	0.0	0.0	0.0	0.0
Ballabgarh	400	426	6:00	410	10:56	0.0	0.0	22.8	0.0	22.8
Bawana	400	421	6:00	406	14:43	0.0	0.0	0.7	0.0	0.7
Bassi	400	424	6:02	400	19:37	0.0	0.0	10.0	0.0	10.0
Hissar	400	419	6:02	400	19:32	0.0	0.0	0.0	0.0	0.0
Moga	400	420	6:02	406	19:33	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	419	6:00	406	19:34	0.0	0.0	0.0	0.0	0.0
Nalagarh	400	420	5:56	410	12:28	0.0	0.0	0.0	0.0	0.0
Kishenpur	400	415	4:02	406	19:32	0.0	0.0	0.0	0.0	0.0
Wagoora	400	411	3:26	388	19:44	0.0	2.2	0.0	0.0	0.0
Amritsar	400	423	6:02	412	12:42	0.0	0.0	4.1	0.0	4.1
Kashipur	400	0	0:00	0	0:00	100.0	100.0	0.0	0.0	100.0
Hamirpur	400	417	7:49	412	11:07	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	409	6:02	389	14:43	0.0	0.0	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	795	6:05	763	19:13	0.0	0.0	0.0	0.0	0.0
Balia	765	796	7:04	769	12:38	0.0	0.0	0.0	0.0	0.0
Moga	765	811	6:03	781	19:35	0.0	0.0	21.1	0.0	21.1
Agra	765	802	6:03	763	23:42	0.0	0.0	0.5	0.0	0.5
Bhiwani	765	807	6:00	780	11:07	0.0	0.0	8.6	0.0	8.6
Unnao	765	778	6:03	754	12:37	0.0	0.0	0.0	0.0	0.0
Lucknow	765	794	7:04	766	12:38	0.0	0.0	0.0	0.0	0.0
Meerut	765	813	6:03	779	11:08	0.0	0.0	27.9	0.0	27.9
Jhatikara	765	806	6:03	774	19:36	0.0	0.0	2.3	0.0	2.3
Bareilly 765 kV	765	784	6:02	758	12:40	0.0	0.0	0.0	0.0	0.0
Anta	765	791	17:07	791	17:07	99.9	99.9	0.0	0.0	99.9
Phagi	765	803	5:58	767	19:37	0.0	0.0	2.0	0.0	2.0

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	499.24	1064.89	510.24	1560.04	1057.77	610.51
Pong	426.72	384.05	415.45	693.24	422.65	1020.81	792.59	480.11
Tehri	829.79	740.04	815.05	903.26	815.25	907.00	494.89	332.00
Koteshwar	612.50	598.50	610.43	4.69	610.43	4.69	332.00	329.46
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	326.52	0.00
Rihand	268.22	252.98	0.00	0.00	0.00	0.00	0.00	0.00
RPS	352.80	343.81	1157.00	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	520.14	3.17	521.58	13.81	341.64	147.16

* 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	1533	4	0	923	62	0	35.58	2.13	37.71
Delhi	422	-242	0	647	-470	0	15.95	-10.45	5.51
Haryana	1777	339	13	1886	239	13	41.77	5.29	47.05
HP	-1370	-309	0	-1172	-539	0	-29.83	-8.12	-37.95
J&K	-583	-467	0	-633	-15	0	-15.21	-3.16	-18.36
CHD	0	0	0	0	0	0	0.36	0.00	0.36
Rajasthan	-129	480	0	-129	466	0	-3.08	11.48	8.40
UP	1026	785	0	635	491	0	17.11	7.51	24.62
Uttarakhand	-126	168	0	-126	218	0	-3.02	6.06	3.05
Total	2551	759	13	2032	452	13	59.63	10.74	70.37

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1845	923	579	1	0	0
Delhi	830	422	-77	-587	0	0
Haryana	1957	1248	347	-260	13	13
HP	-1091	-1370	-252	-540	0	0
J&K	-583	-734	0	-467	0	0
CHD	44	0	0	0	0	0
Rajasthan	-129	-129	499	458	0	0
UP	1052	557	982	0	0	0
Uttarakhand	-126	-126	437	40	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%
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XII. System Constraints:

XIII. Grid Disturbance / Any Other Significant Event:

XIV. Weather Conditions For 25.08.2016 :

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.