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 26.08.2016
Date of Reporting : 27.08.2016

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
45188	1366	46554	50.08	41400	1138	42537	50.10	1027.9	13.73

* 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	48.71	15.83		64.54	111.68	110.67	-1.02	175.21	0.00
Haryana	27.24	1.02		28.25	134.73	133.33	-1.40	161.58	0.00
Rajasthan	85.13	5.74	5.24	96.11	69.39	70.62	1.23	166.72	0.98
Delhi	21.31			21.31	84.39	84.33	-0.05	105.64	0.02
UP	122.32	24.53		146.85	163.90	165.82	1.92	312.67	3.19
Uttarakhand		19.10		20.95	16.93	18.55	1.62	39.50	0.63
HP		26.06		26.06	-1.77	-0.75	1.02	25.31	0.09
J & K		21.97	0.00	21.97	15.92	13.35	-2.57	35.32	8.83
Chandigarh				0.00	6.22	5.99	-0.23	5.99	0.00
Total	**304.70**	**114.25**	**5.24**	**426.04**	**601.38**	**601.91**	**0.53**	**1027.95**	13.73

* 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	8049	0	42	1095	6043	0	-136	1389	8142	16:00	0
Haryana	7414	0	-315	2350	6903	0	82	2281	7723	21:00	0
Rajasthan	7370	76	180	362	6792	0	-133	308	7570	24:00	205
Delhi	4628	0	-44	563	4241	0	95	58	5111	16:00	0
UP	12707	755	-108	636	13781	890	-32	1772	14144	4:00	420
Uttarakhand	1769	75	-61	-42	1570	0	65	-124	1769	20:00	75
HP	1132	0	164	-1682	870	0	33	-1739	1239	8:00	0
J&K	1841	460	124	-648	991	248	-259	-1050	1841	20:00	460
Chandigarh	278	0	-13	0	209	0	14	0	311	15:00	0
Total	**45188**	**1366**	**-30**	**2635**	**41400**	**1138**	**-271**	**2894**	**45849**	**22:00**	**1165**

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

Diversity is 1.04

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	1281	1413	1384	31.06	1294	29.99	1.07
	Rihand I STPS (2*500)	1000	846	1050	892	19.66	819	19.39	0.28
	Rihand II STPS (2*500)	1000	460	511	459	10.84	451	10.35	0.49
	Rihand III STPS (2*500)	1000	963	1032	874	21.82	909	21.73	0.09
	Dadri I STPS (4*210)	840	805	637	606	13.67	570	13.93	-0.25
	Dadri II STPS (2*490)	980	960	986	763	17.68	737	18.73	-1.05
	Unchahar I TPS (2*210)	420	400	426	405	8.84	368	9.28	-0.44
	Unchahar II TPS (2*210)	420	400	408	343	8.43	351	9.08	-0.66
	Unchahar III TPS (1*210)	210	200	219	171	4.28	178	4.55	-0.27
	ISTPP (Jhajjhar) (3*500)	1500	1425	1193	939	21.96	915	17.26	4.70
	Dadri GPS (4*130.19+2*154.51)	830	792	371	361	7.61	317	8.04	-0.43
	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	145	153	3.34	139	3.48	-0.15
	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	0.05	0.00
	KHEP(4*200)	800	855	855	856	20.65	860	20.52	0.13
	Sub Total (A)	**12112**	**10386**	**9246**	**8206**	**190**	**7914**	**186**	**3.50**
B. NPC	NAPS (2*220)	440	380	421	419	9.16	382	9.12	0.04
	RAPS- B (2*220)	440	174	204	204	4.06	169	4.18	-0.12
	RAPS- C (2*220)	440	405	437	439	9.45	394	9.72	-0.27
	Sub Total (B)	**1320**	**959**	**1062**	**1062**	**22.66**	**944**	**23.02**	**-0.36**
C. NHPC	Chamera I HPS (3*180)	540	540	549	546	13.09	546	12.96	0.13
	Chamera II HPS (3*100)	300	301	310	302	7.28	303	7.22	0.06
	Chamera III HPS (3*77)	231	228	225	231	5.43	226	5.47	-0.04
	Bairasuil HPS(3*60)	180	179	184	63	2.51	105	2.46	0.05
	Salal-HPS (6*115)	690	662	675	668	16.09	670	15.89	0.20
	Tanakpur-HPS (3*31.4)	94	90	96	95	2.27	95	2.16	0.12
	Uri-I HPS (4*120)	480	305	311	263	7.47	311	7.32	0.16
	Uri-II HPS (4*60)	240	166	216	162	4.11	171	3.98	0.13
	Dhauliganga-HPS (4*70)	280	210	217	207	5.08	212	5.04	0.04
	Dulhasti-HPS (3*130)	390	383	394	391	9.25	385	9.18	0.06
	Sewa-II HPS (3*40)	120	119	117	0	1.48	62	1.52	-0.04
	Parbati 3 (4*130)	520	390	393	29	5.21	217	5.17	0.04
	Sub Total (C)	**4065**	**3572**	**3687**	**2956**	**79**	**3303**	**78**	**0.91**
D.SJVNL	NJPC (6*250)	1500	1605	1607	1617	38.51	1605	38.52	-0.01
	Rampur HEP (6*68.67)	412	440	432	439	10.62	443	10.56	0.06
	Sub Total (D)	**1912**	**2045**	**2039**	**2056**	**49.13**	**2047**	**49.08**	**0.06**
E. THDC	Tehri HPS (4*250)	1000	1061	1065	0	10.43	434	10.00	0.43
	Koteshwar HPS (4*100)	400	146	401	93	3.52	147	3.50	0.02
	Sub Total (E)	**1400**	**1207**	**1466**	**93**	**13.95**	**581**	**13.50**	**0.45**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	887	1336	775	21.28	887	21.29	-0.01
	Dehar HPS (6*165)	990	613	825	560	14.55	606	14.70	-0.15
	Pong HPS (6*66)	396	291	264	330	6.83	285	6.98	-0.15
	Sub Total (F)	**2765**	**1790**	**2425**	**1665**	**42.66**	**1778**	**42.97**	**-0.30**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	212	191	4.45	186	4.50	-0.04
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1100	1100	26.25	1094	26.08	0.17
	Malana Stg-II HPS (2*50)	100	0	111	55	2.36	98	2.31	0.04
	Shree Cement TPS (2*150)	300	0	280	276	5.93	247	6.05	-0.11
	Budhil HPS(IPP) (2*35)	70	0	75	74	1.75	73	1.75	0.00
	Sub Total (G)	**1662**	**0**	**1778**	**1696**	**40.75**	**1698**	**40.69**	**0.06**
H. Total Regional Entities (A-G)		**25237**	**19960**	**21703**	**17734**	**438.36**	**18265**	**434.04**	**4.32**

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	160	160	3.68	153
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	90	90	1.98	82
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	193	195	4.16	173
	Goindwal(GVK) (2*270)	540	0	0	0.00	0
	Rajpura (2*700)	1400	1320	660	23.91	996
	Talwandi Saboo (3*660)	1980	616	616	14.99	625
	Thermal (Total)	**6560**	**2379**	**1721**	**48.71**	**2030**
	Total Hydro	1000	790	578	15.83	659
	Total Punjab	**7560**	**3169**	**2299**	**64.54**	**2689**
Haryana	Panipat TPS (2*210+2*250)	920	207	0	3.08	128
	DCRTPP (Yamuna nagar) (2*300)	600	497	474	10.92	455
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	327	315	7.53	314
	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	0	370	5.72	238
	Thermal (Total)	**4497**	**1031**	**1159**	**27.24**	**1135**
	Total Hydro	62	41	41	1.02	42
	Total Haryana	**4559**	**1072**	**1200**	**28.25**	**1177**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	727	691	17.57	732
	suratgarh TPS (6*250)	1500	417	366	9.16	382
	Chabra TPS (4*250)	1000	391	399	9.73	405
	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	130	123	3.26	136
	RAPS A (NPC) (1*100+1*200)	300	163	165	4.12	172
	Barsingsar (NLC) (2*125)	250	226	227	5.32	222
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	526	655	13.75	573
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	443	405	8.32	347
	Kawai(Adani) (2*660)	1320	519	609	13.90	579
	Thermal (Total)	**8876**	**3542**	**3640**	**85**	**3547**
	Total Hydro	550	272	229	5.74	239
	Wind power	3214	119	197	4.50	188
	Biomass	99	21	21	0.50	21
	Solar	730	1	0	0.24	10
	Renewable/Others (Total)	4043	141	218	5.24	218
	Total Rajasthan	**13469**	**3955**	**4087**	**96.11**	**4004**
UP	Anpara TPS (3*210+2*500)	1630	781	840	19.23	801
	Obra TPS (2*50+2*94+5*200)	1194	308	225	6.83	285
	Paricha TPS (2*110+2*220+2*250)	1160	843	734	20.04	835
	Panki TPS (2*105)	210	63	135	2.38	99
	Harduaganj TPS (1*60+1*105+2*250)	665	522	537	12.88	536
	Tanda TPS (NTPC) (4*110)	440	270	350	7.47	311
	Roza TPS (IPP) (4*300)	1200	1094	1107	26.28	1095
	Anpara-C (IPP) (2*600)	1200	477	508	11.78	491
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	405	403	9.20	383
	Anpara-D(2*500)	1000	0	0	0.07	3
	Lalitpur TPS(3*660)	1980	248	249	4.97	207
	Bara(2*660)	1320	0	0	0.00	0
	Thermal (Total)	**12449**	**5011**	**5088**	**121**	**5047**
	Vishnuparyag HPS (IPP)(4*110)	440	435	435	10.47	436
	Alaknanada(4*82.5)	330	336	338	7.56	315
	Other Hydro	527	289	306	6.50	271
	Cogeneration	981	50	50	1.20	50
	Total UP	**14727**	**6121**	**6217**	**147**	**6119**
Uttarakhand	Total Hydro	1398	748	747	19.10	796
	Total Gas	225	88	22	1.85	77
	Total Uttarakhand	**1623**	**836**	**769**	**21**	**873**
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	72	72	1.70	71
	Pragati Gas Turbine (2x104+ 1x122)	330	264	264	6.39	266
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	305	250	6.27	261
	Badarpur TPS (NTPC) (3*95+2*210)	705	321	329	6.95	290
	Thermal (Total)	2917	961	915	21.31	888
	Total Delhi	**2917**	**961**	**915**	**21.31**	**888**
HP	Baspa HPS (IPP) (3*100)	300	330	300	7.58	316
	Malana HPS (IPP) (2*43)	86	103	103	2.43	101
	Other Hydro	878	658	677	16.06	669
	Total HP	**1264**	**1091**	**1080**	**26.06**	**1086**
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**	**18119**	**17485**	**426.04**	**17752**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**8098**	**7556**	**184.92**	**7705**
Total Regional Availability(Gross)		**72856**	**47920**	**42775**	**1049.32**	**43722**

IV. Total Hydro Generation:

Regional Entities Hydro		**12234**	**11894**	**8972**	**238.72**	**9947**
State Control Area Hydro		**7106**	**5004**	**4694**	**116.09**	**4837**
Total Regional Hydro		**19340**	**16898**	**13666**	**354.81**	**14784**

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	200	500	1.29	5.36	-4.07
765 KV Gwalior-Agra (D/C)	2578	2213	2802	0	52.51	0.00	52.51
400 KV Zerda-Kankroli	105	22	110	95	0.08	0.00	0.08
400 KV Zerda-Bhinmal	134	60	179	81	0.89	0.00	0.89
220 KV Auraiya-Malanpur	-25	-27	0	73	0.00	0.52	-0.52
220 KV Badod-Kota/Morak	56	30	87	29	0.83	0.00	0.83
Mundra-Mohindergarh(HVDC Bipole)	2503	2197	2513	0.00	56.38	0.00	56.38
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	844	640	1148	0	17.77	0.00	17.77
Sub Total WR	**5945**	**4885**			**129.75**	**5.87**	**123.88**
Pusauli Bypass/HVDC	250	250	250	0	6.05	0.00	6.05
400 KV MZP- GKP (D/C)	128	400	580	0	8.80	0.00	8.80
400 KV Patna-Balia(D/C) X 2	225	472	624	0	10.22	0.00	10.22
400 KV B'Sharif-Balia (D/C)	23	26	137	0	1.58	0.00	1.58
765 KV Gaya-Balia	207	222	303	0	2.52	0.00	2.52
765 KV Gaya-Varanasi (D/C)	361	306	503	0	8.91	0.00	8.91
220 KV Pusauli-Sahupuri	224	191	235	0	4.55	0.00	4.55
132 KV K'nasa-Sahupuri	-24	-32	0	32	0.00	0.56	-0.56
132 KV Son Ngr-Rihand	-35	-26	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	-282	-343	0	343	0.00	5.25	-5.25
400 KV Barh -GKP (D/C)	314	460	460	0	8.43	0.00	8.43
400 kV B'Sharif - Varanasi (D/C)	62	45	114	65	0.39	0.00	0.39
Sub Total ER	**1453**	**1971**			**51.43**	**6.38**	**45.05**
+/- 800 KV BiswanathCharialli-Agra	700	700	700	0.00	15.99	0.00	15.99
Sub Total NER	**700**	**700**			**15.99**	**0.00**	**15.99**
Total IR Exch	**8098**	**7556**			**197.17**	**12.25**	**184.92**

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
38.31	3.70	42.01	38.88	11.78	-6.43	0.32	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
74.45	120.01	194.46	61.04	123.88	184.92	-13.41	3.87	-9.54

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	-27	-25	0	29	0	1	-0.59

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	0.51	6.10	49.21	76.50	14.40	3.02	0.05	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)	
50.21	18.02	49.74	19.18	50.00	0.038	0.061	50.19	0.00	23.50

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	6:03	410	18:02	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	423	6:02	403	21:36	0.0	0.0	0.7	0.0	0.7
Bareilly(PG)400kV	400	416	6:05	374	14:09	0.0	0.0	0.0	0.0	0.0
Kanpur	400	421	6:03	404	14:32	0.0	0.0	0.4	0.0	0.4
Dadri	400	417	6:03	390	14:09	0.0	0.0	0.0	0.0	0.0
Ballabhgarh	400	426	6:03	400	14:37	0.0	0.0	10.0	0.0	10.0
Bawana	400	421	6:03	401	11:08	0.0	0.0	0.3	0.0	0.3
Bassi	400	422	6:03	396	11:08	0.0	0.0	0.5	0.0	0.5
Hissar	400	418	6:04	396	11:09	0.0	0.0	0.0	0.0	0.0
Moga	400	419	6:04	400	19:22	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	419	6:04	401	14:33	36.8	36.8	0.0	0.0	36.8
Nalagarh	400	421	6:08	402	14:38	0.0	0.0	0.2	0.0	0.2
Kishenpur	400	416	2:44	400	19:38	0.0	0.0	0.0	0.0	0.0
Wagoora	400	411	2:41	388	19:40	0.0	2.0	0.0	0.0	0.0
Amritsar	400	424	6:03	405	19:25	0.0	0.0	10.7	0.0	10.7
Kashipur	400	0	0:00	0	0:00	100.0	100.0	0.0	0.0	100.0
Hamirpur	400	422	6:03	404	14:32	0.0	0.0	0.7	0.0	0.7
Rishikesh	400	409	6:04	384	11:42	0.0	9.9	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	799	6:03	761	11:08	0.0	0.0	0.0	0.0	0.0
Balia	765	799	6:03	762	21:34	0.0	0.0	0.0	0.0	0.0
Moga	765	810	6:04	767	19:28	0.0	0.0	4.0	0.0	4.0
Agra	765	803	6:03	762	11:08	0.0	0.0	0.3	0.0	0.3
Bhiwani	765	807	6:03	769	14:25	0.0	0.0	2.5	0.0	2.5
Unnao	765	778	6:04	749	14:35	0.0	0.0	0.0	0.0	0.0
Lucknow	765	795	6:04	759	14:35	0.0	0.0	0.0	0.0	0.0
Meerut	765	813	6:04	764	11:08	0.0	0.0	6.0	0.0	6.0
Jhatikara	765	805	6:03	766	11:08	0.0	0.0	1.0	0.0	1.0
Bareilly 765 kV	765	784	6:03	748	14:34	0.0	0.0	0.0	0.0	0.0
Anta	765	0	0:00	0	0:00	100.0	100.0	0.0	0.0	100.0
Phagi	765	799	6:04	760	19:45	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	499.48	1076.64	510.42	1575.10	1009.21	662.36
Pong	426.72	384.05	415.56	693.24	422.68	1020.31	694.07	418.81
Tehri	829.79	740.04	815.95	921.25	815.55	913.26	493.75	236.00
Koteshwar	612.50	598.50	610.68	4.69	610.54	4.69	236.00	232.00
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	304.87	358.52
Rihand	268.22	252.98	870.40	635.10	852.30	292.90	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	520.34	4.47	521.24	14.07	526.94	127.47

*** 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	1384	5	0	1036	59	0	35.00	0.73	35.73
Delhi	422	-365	0	676	-113	0	16.65	-6.31	10.34
Haryana	2068	200	13	2013	324	13	46.14	3.01	49.15
HP	-1370	-369	0	-1121	-561	0	-29.40	-8.54	-37.95
J&K	-583	-467	0	-633	-15	0	-15.21	-3.11	-18.32
CHD	0	0	0	0	0	0	0.36	0.00	0.36
Rajasthan	-179	483	4	-129	487	4	-3.39	11.92	8.53
UP	1085	687	0	636	0	0	17.19	5.41	22.60
Uttarakhand	-126	1	0	-126	84	0	-3.02	2.08	-0.93
Total	**2700**	**176**	**17**	**2352**	**266**	**17**	**64.32**	**5.19**	**69.51**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1734	995	78	4	0	0
Delhi	876	422	-4	-554	0	0
Haryana	2196	1752	373	-487	14	13
HP	-1091	-1370	-261	-690	0	0
J&K	-583	-734	0	-467	0	0
CHD	44	0	0	0	0	0
Rajasthan	-129	-179	516	476	4	4
UP	1111	558	785	0	0	0
Uttarakhand	-126	-126	271	-30	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	**6.94%**
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 26.08.2016 :

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.

Report for : 26.08.2016

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER