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 30.08.2016
Date of Reporting : 31.08.2016

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
43650	662	44312	50.02	38757	207	38964	49.97	960.1	8.84

* 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	31.66	11.40		43.06	112.38	113.38	1.00	156.45	0.00
Haryana	6.51	0.88		7.38	131.82	128.98	-2.84	136.36	0.01
Rajasthan	67.44	7.35	7.37	82.17	68.02	68.18	0.16	150.35	0.00
Delhi	21.02			21.02	80.08	77.96	-2.12	98.98	0.12
UP	132.44	24.47		156.91	162.71	157.67	-5.04	314.58	0.00
Uttarakhand		20.68		23.11	14.81	15.06	0.25	38.17	0.15
HP		25.14		25.14	-1.15	0.11	1.26	25.25	0.00
J & K		21.99	0.00	21.99	16.39	12.30	-4.09	34.29	8.57
Chandigarh				0.00	6.11	5.66	-0.45	5.66	0.00
Total	**259.07**	**111.92**	**7.37**	**380.79**	**591.17**	**579.30**	**-11.87**	**960.09**	8.84

* 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	7152	0	81	830	5553	0	-130	1306	7157	21:00	0
Haryana	6726	0	244	2356	5474	0	34	2422	7186	21:00	34
Rajasthan	6998	0	-114	389	6046	0	151	306	7277	21:00	0
Delhi	4464	0	-84	491	3833	0	-1	270	4722	16:00	0
UP	13223	120	-11	913	14476	0	-277	1630	14672	2:00	0
Uttarakhand	1812	75	-22	-63	1472	0	24	-199	1812	20:00	75
HP	1138	0	64	-1561	885	0	102	-1702	1209	8:00	0
J&K	1870	467	81	-598	826	207	-352	-1096	1870	20:00	467
Chandigarh	268	0	-13	-30	191	0	-27	0	275	15:00	0
Total	**43650**	**662**	**226**	**2728**	**38757**	**207**	**-476**	**2937**	**44306**	**21:00**	**569**

* 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	1680	1816	1353	37.15	1548	37.10	0.05
	Rihand I STPS (2*500)	1000	943	1019	800	18.88	787	18.91	-0.03
	Rihand II STPS (2*500)	1000	963	941	761	17.82	743	17.87	-0.05
	Rihand III STPS (2*500)	1000	963	877	754	18.06	752	18.37	-0.32
	Dadri I STPS (4*210)	840	815	470	618	11.99	500	11.98	0.01
	Dadri II STPS (2*490)	980	960	900	686	16.55	690	17.03	-0.48
	Unchahar I TPS (2*210)	420	354	303	260	5.79	241	6.11	-0.32
	Unchahar II TPS (2*210)	420	400	320	276	6.16	257	6.88	-0.72
	Unchahar III TPS (1*210)	210	200	171	131	3.11	130	3.53	-0.42
	ISTPP (Jhajjhar) (3*500)	1500	1375	898	635	16.69	695	17.31	-0.63
	Dadri GPS (4*130.19+2*154.51)	830	792	265	358	6.46	269	6.67	-0.22
	Anta GPS (3*88.71+1*153.2)	419	404	248	208	5.21	217	5.39	-0.19
	Auraiya GPS (4*111.19+2*109.30)	663	634	147	133	3.60	150	3.79	-0.19
	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	855	856	20.71	863	20.52	0.19
	Sub Total (A)	**12112**	**11343**	**9230**	**7829**	**188**	**7846**	**192**	**-3.31**
B. NPC	NAPS (2*220)	440	379	421	426	8.87	370	9.10	-0.22
	RAPS- B (2*220)	440	365	412	415	8.83	368	8.76	0.07
	RAPS- C (2*220)	440	395	433	434	9.29	387	9.48	-0.19
	Sub Total (B)	**1320**	**1139**	**1266**	**1275**	**26.99**	**1124**	**27.34**	**-0.35**
C. NHPC	Chamera I HPS (3*180)	540	540	545	550	13.18	549	12.95	0.23
	Chamera II HPS (3*100)	300	301	307	304	7.27	303	7.22	0.05
	Chamera III HPS (3*77)	231	221	228	221	5.34	223	5.31	0.04
	Bairasuil HPS(3*60)	180	179	183	62	3.47	145	3.43	0.05
	Salal-HPS (6*115)	690	641	678	678	15.83	660	15.38	0.45
	Tanakpur-HPS (3*31.4)	94	90	95	96	2.28	95	2.16	0.12
	Uri-I HPS (4*120)	480	451	461	460	10.96	457	10.82	0.14
	Uri-II HPS (4*60)	240	237	241	241	5.75	240	5.69	0.06
	Dhauliganga-HPS (4*70)	280	210	216	201	5.04	210	5.04	0.01
	Dulhasti-HPS (3*130)	390	383	392	391	9.24	385	9.17	0.07
	Sewa-II HPS (3*40)	120	119	118	0	2.11	88	2.09	0.02
	Parbati 3 (4*130)	520	353	265	0	4.17	174	4.29	-0.12
	Sub Total (C)	**4065**	**3725**	**3730**	**3203**	**85**	**3527**	**84**	**1.10**
D.SJVNL	NJPC (6*250)	1500	1605	1586	1604	38.43	1601	38.49	-0.07
	Rampur HEP (6*68.67)	412	442	447	447	10.72	447	10.61	0.11
	Sub Total (D)	**1912**	**2047**	**2033**	**2051**	**49.15**	**2048**	**49.10**	**0.05**
E. THDC	Tehri HPS (4*250)	1000	1071	1005	533	14.07	586	13.76	0.32
	Koteshwar HPS (4*100)	400	201	403	181	4.86	203	4.84	0.03
	Sub Total (E)	**1400**	**1273**	**1408**	**714**	**18.94**	**789**	**18.59**	**0.34**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	589	1003	368	14.27	594	14.15	0.12
	Dehar HPS (6*165)	990	608	825	580	14.76	615	14.60	0.16
	Pong HPS (6*66)	396	20	132	0	0.45	19	0.48	-0.03
	Sub Total (F)	**2765**	**1218**	**1960**	**948**	**29.47**	**1228**	**29.23**	**0.24**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	231	183	5.02	209	4.35	0.67
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	1100	1100	26.08	1087	26.08	0.00
	Malana Stg-II HPS (2*50)	100	0	111	95	2.45	102	2.26	0.20
	Shree Cement TPS (2*150)	300	0	258	200	5.13	214	5.27	-0.14
	Budhil HPS(IPP) (2*35)	70	0	75	75	1.77	74	1.75	0.02
	Sub Total (G)	**1662**	**0**	**1775**	**1652**	**40.46**	**1686**	**39.71**	**0.75**
H. Total Regional Entities (A-G)		**25237**	**20744**	**21402**	**17672**	**437.94**	**18247**	**439.11**	**-1.17**

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	0	0	0.00	0
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	0.00	0
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	0	0	0.00	0
	Goindwal(GVK) (2*270)	540	0	0	0.00	0
	Rajpura (2*700)	1400	1320	660	22.86	953
	Talwandi Saboo (3*660)	1980	558	308	8.80	367
	Thermal (Total)	**6560**	**1878**	**968**	**31.66**	**1319**
	Total Hydro	1000	502	403	11.40	475
	Total Punjab	**7560**	**2380**	**1371**	**43.06**	**1794**
Haryana	Panipat TPS (2*210+2*250)	920	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	0	0	0.00	0
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	165	307	6.51	271
	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	0	0.00	0
	Thermal (Total)	**4497**	**165**	**307**	**6.51**	**271**
	Total Hydro	62	36	36	0.88	37
	Total Haryana	**4559**	**201**	**343**	**7.38**	**308**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	399	708	13.71	571
	suratgarh TPS (6*250)	1500	1	180	1.19	50
	Chabra TPS (4*250)	1000	514	557	12.56	523
	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	145	143	3.34	139
	RAPS A (NPC) (1*100+1*200)	300	162	163	4.05	169
	Barsingsar (NLC) (2*125)	250	225	225	5.34	222
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	656	420	11.69	487
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	0	0	0.00	0
	Kawai(Adani) (2*660)	1320	1126	445	15.56	648
	Thermal (Total)	**8876**	**3228**	**2841**	**67**	**2810**
	Total Hydro	550	222	281	7.35	306
	Wind power	3214	328	125	4.59	191
	Biomass	99	17	17	0.40	17
	Solar	730	0	0	2.38	99
	Renewable/Others (Total)	4043	345	142	7.37	307
	Total Rajasthan	**13469**	**3795**	**3264**	**82.17**	**3424**
UP	Anpara TPS (3*210+2*500)	1630	1062	892	23.27	970
	Obra TPS (2*50+2*94+5*200)	1194	327	324	7.98	333
	Paricha TPS (2*110+2*220+2*250)	1160	651	889	16.81	700
	Panki TPS (2*105)	210	126	135	3.08	128
	Harduaganj TPS (1*60+1*105+2*250)	665	395	510	10.06	419
	Tanda TPS (NTPC) (4*110)	440	368	266	7.44	310
	Roza TPS (IPP) (4*300)	1200	746	1116	23.41	975
	Anpara-C (IPP) (2*600)	1200	639	1017	17.52	730
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	283	405	7.11	296
	Anpara-D(2*500)	1000	211	173	4.46	186
	Lalitpur TPS(3*660)	1980	356	324	5.80	242
	Bara(2*660)	1320	502	0	4.31	180
	Thermal (Total)	**12449**	**5666**	**6051**	**131**	**5468**
	Vishnuparyag HPS (IPP)(4*110)	440	435	435	10.47	436
	Alaknanada(4*82.5)	330	336	337	8.08	337
	Other Hydro	527	255	264	5.92	247
	Cogeneration	981	50	50	1.20	50
	Total UP	**14727**	**6742**	**7137**	**157**	**6538**
Uttarakhand	Total Hydro	1398	864	868	20.68	862
	Total Gas	225	102	102	2.43	101
	Total Uttarakhand	**1623**	**966**	**970**	**23**	**963**
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	74	74	1.72	71
	Pragati Gas Turbine (2x104+ 1x122)	330	260	262	6.39	266
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	254	252	6.02	251
	Badarpur TPS (NTPC) (3*95+2*210)	705	330	314	6.90	287
	Thermal (Total)	2917	918	902	21.02	876
	Total Delhi	**2917**	**918**	**902**	**21.02**	**876**
HP	Baspa HPS (IPP) (3*100)	300	333	303	7.50	313
	Malana HPS (IPP) (2*43)	86	104	92	2.40	100
	Other Hydro	878	642	605	15.24	635
	Total HP	**1264**	**1079**	**1000**	**25.14**	**1048**
J & K	Baglihar HPS (IPP) (3*150+2*150)	750	734	734	17.62	734
	Other Hydro/IPP	560	185	185	4.38	182
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1500**	**919**	**919**	**21.99**	916
Total State Control Area Generation		**47619**	**17000**	**15906**	**380.79**	**15866**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**7098**	**6502**	**157.49**	**6562**
Total Regional Availability(Gross)		**72856**	**45500**	**40080**	**976.22**	**40676**

IV. Total Hydro Generation:

Regional Entities Hydro		**12234**	**11427**	**9149**	**236.47**	**9853**
State Control Area Hydro		**7106**	**4750**	**4645**	**111.92**	**4765**
Total Regional Hydro		**19340**	**16177**	**13794**	**348.39**	**14618**

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)	-500	-400	0	500	0.00	10.57	-10.57
765 KV Gwalior-Agra (D/C)	2681	2103	3042	0	58.44	0.00	58.44
400 KV Zerda-Kankroli	49	-15	49	58	0.00	0.00	0.00
400 KV Zerda-Bhinmal	30	25	94	66	0.58	0.00	0.58
220 KV Auraiya-Malanpur	-19	-9	0	25	0.00	0.05	-0.05
220 KV Badod-Kota/Morak	89	12	89	35	0.83	0.00	0.83
Mundra-Mohindergarh(HVDC Bipole)	2002	1697	2304	0.00	41.82	0.00	41.82
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	1207	892	1298	858	25.00	0.00	25.00
Sub Total WR	**5539**	**4305**			**126.67**	**10.62**	**116.05**
Pusauli Bypass/HVDC	250	250	250	0	6.10	0.00	6.10
400 KV MZP- GKP (D/C)	352	196	606	0	9.17	0.00	9.17
400 KV Patna-Balia(D/C) X 2	159	261	362	0	5.92	0.00	5.92
400 KV B'Sharif-Balia (D/C)	-46	56	151	46	1.12	0.00	1.12
765 KV Gaya-Balia	205	286	299	0	3.07	0.00	3.07
765 KV Gaya-Varanasi (D/C)	237	338	391	0	7.85	0.00	7.85
220 KV Pusauli-Sahupuri	158	219	221	0	4.76	0.00	4.76
132 KV K'nasa-Sahupuri	0	-30	0	32	0.00	0.51	-0.51
132 KV Son Ngr-Rihand	-34	-33	0	36	0.00	0.78	-0.78
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-256	-388	0	388	0.00	6.42	-6.42
400 KV Barh -GKP (D/C)	362	304	378	0	7.20	0.00	7.20
400 kV B'Sharif - Varanasi (D/C)	172	67	159	145	0.00	1.85	-1.85
Sub Total ER	**1559**	**1526**			**45.19**	**9.57**	**35.63**
+/- 800 KV BiswanathCharialli-Agra	0	671	687	0.00	5.81	0.00	5.81
Sub Total NER	**0**	**671**			**5.81**	**0.00**	**5.81**
Total IR Exch	**7098**	**6502**			**177.67**	**20.18**	**157.49**

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
30.76	3.15	33.90	38.88	15.66	-9.17	0.33	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
63.61	117.54	181.14	41.44	116.05	157.49	-22.17	-1.49	-23.65

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	-23	-11	0	31	0	1	-0.55

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	0.95	34.77	70.21	23.55	5.43	0.02	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	49.84	19.14	50.02	0.030	0.051	50.15	49.93	29.79

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	6:15	407	21:45	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	421	6:16	400	23:07	0.0	0.0	0.3	0.0	0.3
Bareilly(PG)400kV	400	418	6:05	397	20:21	0.0	0.0	0.0	0.0	0.0
Kanpur	400	420	6:11	402	14:54	0.0	0.0	0.0	0.0	0.0
Dadri	400	416	6:02	400	19:36	0.0	0.0	0.0	0.0	0.0
Ballabhgarh	400	424	6:03	405	19:41	0.0	0.0	8.9	0.0	8.9
Bawana	400	421	6:05	402	19:37	0.0	0.0	0.7	0.0	0.7
Bassi	400	422	17:31	402	19:38	0.0	0.0	3.2	0.0	3.2
Hissar	400	417	6:03	397	19:40	0.0	0.0	0.0	0.0	0.0
Moga	400	419	6:05	401	19:38	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	419	6:04	400	19:42	0.0	0.0	0.0	0.0	0.0
Nalagarh	400	420	6:07	406	13:47	0.0	0.0	0.0	0.0	0.0
Kishenpur	400	418	6:03	401	19:39	0.0	0.0	0.0	0.0	0.0
Wagoora	400	413	3:49	384	19:52	0.0	8.5	0.0	0.0	0.0
Amritsar	400	423	9:04	406	19:44	0.0	0.0	9.5	0.0	9.5
Kashipur	400	0	0:00	0	0:00	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	419	3:52	405	11:25	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	415	6:05	389	22:11	0.5	1.8	0.0	0.0	0.5

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	785	17:20	741	14:36	0.0	1.1	0.0	0.0	0.0
Balia	765	792	6:11	758	14:41	0.0	0.0	0.0	0.0	0.0
Moga	765	803	6:04	767	19:39	0.0	0.0	1.5	0.0	1.5
Agra	765	793	6:11	751	12:44	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	804	6:05	768	14:49	0.0	0.0	4.8	0.0	4.8
Unnao	765	777	6:13	746	14:55	0.0	0.0	0.0	0.0	0.0
Lucknow	765	793	6:15	757	23:07	0.0	0.0	0.0	0.0	0.0
Meerut	765	809	6:05	768	14:54	0.0	0.0	4.9	0.0	4.9
Jhatikara	765	801	6:04	764	14:55	0.0	0.0	1.3	0.0	1.3
Bareilly 765 kV	765	786	6:11	760	0:06	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	796	17:32	763	19:37	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	500.90	1127.29	511.02	1605.30	1104.81	411.47
Pong	426.72	384.05	416.98	755.83	422.77	1020.81	638.63	28.54
Tehri	829.79	740.04	818.40	975.00	817.20	946.00	466.12	315.00
Koteshwar	612.50	598.50	610.53	4.95	609.73	4.43	315.00	320.87
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	333.98	356.85
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	521.10	6.39	520.18	11.38	345.95	231.67

*** 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	1298	7	0	787	42	0	30.99	0.43	31.42
Delhi	422	-152	0	750	-259	0	17.29	-5.33	11.96
Haryana	2067	341	13	2013	330	14	46.60	5.44	52.04
HP	-1320	-382	0	-1078	-483	0	-27.53	-9.31	-36.84
J&K	-583	-513	0	-583	-15	0	-15.46	-3.89	-19.35
CHD	0	0	0	0	-30	0	0.36	-0.13	0.22
Rajasthan	-230	533	4	-129	514	4	-4.00	11.89	7.89
UP	1139	491	0	640	273	0	18.20	7.40	25.60
Uttarakhand	-126	-74	0	-119	56	0	-2.97	-0.03	-3.00
Total	**2669**	**250**	**18**	**2282**	**428**	**18**	**63.47**	**6.48**	**69.95**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1549	787	72	0	0	0
Delhi	929	422	48	-477	0	0
Haryana	2346	1752	381	-259	14	13
HP	-1041	-1326	-333	-552	0	0
J&K	-583	-734	0	-513	0	0
CHD	44	0	20	-35	0	0
Rajasthan	-129	-230	558	-98	4	4
UP	1165	552	687	0	0	0
Uttarakhand	-119	-126	118	-74	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	**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 30.08.2016 :

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 : 30.08.2016

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER