पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(भारत सरकार का उद्यम)

उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 25.02.2017

Date of Reporting : 26.02.2017

I. Regional Availability/Demand:

Evening Peak (19:00 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
41011	486	41498	49.95	31013	412	31425	50.02	878.24	11.38

* 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	50.21	9.35	0.32	59.88	51.38	52.91	1.53	112.79	0.00
Haryana	27.14	0.22	0.00	27.36	93.26	97.82	4.56	125.17	0.00
Rajasthan	122.55	3.40	9.52	135.47	72.41	75.08	2.67	210.55	0.17
Delhi	12.10		0.00	12.10	44.82	44.22	-0.60	56.32	0.04
UP	160.33	3.41	0.00	163.74	101.19	102.85	1.67	266.59	0.00
Uttarakhand		7.64	0.00	13.26	19.78	20.01	0.23	33.27	0.54
HP		8.90	2.82	8.90	18.14	19.02	0.88	27.92	0.00
J & K		6.47	0.00	6.47	35.91	36.08	0.17	42.55	10.64
Chandigarh				0.00	3.41	3.10	-0.31	3.10	0.00
Total	**372.33**	**39.39**	**12.65**	**427.17**	**440.29**	**451.07**	**10.78**	**878.24**	11.38

* 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 (19:00 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	6185	0	59	-303	3281	0	134	-302	6185	19:00	0
Haryana	5916	0	323	-4	3540	0	157	-257	6389	7:00	0
Rajasthan	8365	0	-3	348	8609	0	336	407	10135	8:00	0
Delhi	2654	0	-248	-372	1422	0	-110	-823	3202	11:00	0
UP	12856	0	74	-131	10539	0	-43	102	12856	19:00	0
Uttarakhand	1808	0	163	160	1158	0	-52	55	1836	8:00	0
HP	1113	0	23	60	735	0	-25	457	1386	9:00	0
J&K	1945	486	18	503	1648	412	50	371	1975	8:00	494
Chandigarh	169	0	-17	-35	81	0	-18	-14	180	9:00	0
Total	**41011**	**486**	**392**	**226**	**31013**	**412**	**428**	**-4**	**42055**	**20:00**	**557**

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

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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	1690	1829	1834	40.65	1694	40.56	0.10
	Rihand I STPS (2*500)	1000	484	500	474	11.07	461	11.23	-0.16
	Rihand II STPS (2*500)	1000	960	850	921	21.68	903	21.99	-0.31
	Rihand III STPS (2*500)	1000	983	999	864	22.54	939	22.76	-0.23
	Dadri I STPS (4*210)	840	815	152	138	3.97	165	4.09	-0.12
	Dadri II STPS (2*490)	980	980	362	328	8.60	358	9.18	-0.57
	Unchahar I TPS (2*210)	420	407	388	309	7.44	310	7.83	-0.38
	Unchahar II TPS (2*210)	420	405	307	311	7.32	305	7.55	-0.24
	Unchahar III TPS (1*210)	210	203	157	136	3.56	148	3.76	-0.21
	ISTPP (Jhajjhar) (3*500)	1500	1440	616	604	15.92	663	16.55	-0.63
	Dadri GPS (4*130.19+2*154.51)	830	507	0	0	0.00	0	0.00	0.00
	Anta GPS (3*88.71+1*153.2)	419	411	215	190	4.94	206	4.93	0.01
	Auraiya GPS (4*111.19+2*109.30)	663	644	136	134	3.23	134	3.36	-0.14
	Dadri Solar(5)	5	1	0	0	0.03	1	0.02	0.00
	Unchahar Solar(10)	10	2	0	0	0.06	2	0.04	0.01
	Singrauli Solar(15)	15	2	0	0	0.07	3	0.06	0.02
	KHEP(4*200)	800	872	863	0	2.62	109	2.62	0.00
	Sub Total (A)	**12112**	**10806**	**7374**	**6243**	**154**	**6403**	**157**	**-2.85**
B. NPC	NAPS (2*220)	440	419	449	456	9.93	414	10.06	-0.13
	RAPS- B (2*220)	440	380	426	431	9.18	383	9.12	0.06
	RAPS- C (2*220)	440	405	439	451	9.61	400	9.72	-0.11
	Sub Total (B)	**1320**	**1204**	**1314**	**1338**	**28.72**	**1197**	**28.90**	**-0.18**
C. NHPC	Chamera I HPS (3*180)	540	548	552	0	3.12	130	2.99	0.14
	Chamera II HPS (3*100)	300	301	308	0	1.58	66	1.45	0.13
	Chamera III HPS (3*77)	231	0	0	0	0.00	0	0.00	0.00
	Bairasuil HPS(3*60)	180	179	185	63	2.11	88	1.97	0.15
	Salal-HPS (6*115)	690	152	345	150	4.37	182	3.65	0.72
	Tanakpur-HPS (3*31.4)	94	16	14	19	0.47	20	0.39	0.08
	Uri-I HPS (4*120)	480	473	474	472	11.52	480	11.34	0.18
	Uri-II HPS (4*60)	240	237	242	238	5.72	238	5.70	0.02
	Dhauliganga-HPS (4*70)	280	140	141	0	0.81	34	0.77	0.04
	Dulhasti-HPS (3*130)	390	387	389	0	2.62	109	2.50	0.12
	Sewa-II HPS (3*40)	120	124	127	127	3.03	126	2.98	0.06
	Parbati 3 (4*130)	520	130	134	0	0.41	17	0.39	0.02
	Sub Total (C)	**4065**	**2687**	**2911**	**1069**	**36**	**1490**	**34**	**1.66**
D.SJVNL	NJPC (6*250)	1500	1605	1590	0	6.85	285	6.80	0.05
	Rampur HEP (6*68.67)	412	442	371	0	1.87	78	1.89	-0.02
	Sub Total (D)	**1912**	**2047**	**1961**	**0**	**8.72**	**363**	**8.69**	**0.03**
E. THDC	Tehri HPS (4*250)	1000	832	811	0	9.73	405	9.70	0.03
	Koteshwar HPS (4*100)	400	163	274	101	3.92	163	3.90	0.02
	Sub Total (E)	**1400**	**995**	**1085**	**101**	**13.65**	**569**	**13.60**	**0.05**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	549	965	366	13.55	565	13.17	0.38
	Dehar HPS (6*165)	990	148	495	0	3.71	155	3.56	0.16
	Pong HPS (6*66)	396	199	300	0	4.74	198	4.77	-0.03
	Sub Total (F)	**2765**	**896**	**1760**	**366**	**22.01**	**917**	**21.50**	**0.51**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.34	14	0.33	0.01
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	615	0	3.78	158	3.79	-0.01
	Malana Stg-II HPS (2*50)	100	0	0	0	0.21	9	0.19	0.02
	Shree Cement TPS (2*150)	300	0	228	174	5.27	220	5.78	-0.51
	Budhil HPS(IPP) (2*35)	70	0	0	0	0.00	0	0.00	0.00
	Sub Total (G)	**1662**	**0**	**843**	**174**	**9.61**	**400**	**10.10**	**-0.49**
H. Total Regional Entities (A-G)		**25237**	**18634**	**17249**	**9290**	**272.14**	**11339**	**273.42**	**-1.27**

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	-0.11	-5
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	-0.02	-1
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	0	0	-0.08	-3
	Goindwal(GVK) (2*270)	540	0	0	-0.02	-1

	Rajpura (2*700)	1400	1320	660	27.27	1136
	Talwandi Saboo (3*660)	1980	1228	616	23.16	965
	Thermal (Total)	**6560**	**2548**	**1276**	50.21	**2092**
	Total Hydro	1000	346	243	9.35	390
	Wind Power	0	0	0	0.00	0
	Biomass	288	0	0	0.23	10
	Solar	560	0	0	0.09	4
	Renewable(Total)	**848**	**0**	**0**	**0.32**	**13**
	Total Punjab	**8408**	**2894**	**1519**	**59.88**	**2495**
Haryana	Panipat TPS (2*210+2*250)	920	416	409	10.75	448
	DCRTPP (Yamuna nagar) (2*300)	600	464	456	12.56	523
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	160	157	3.84	160
	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**	**1040**	**1022**	**27.14**	**1131**
	Total Hydro	62	7	7	0.22	9
	Wind Power	0	0	0	0.00	0
	Biomass	40	0	0	0.00	0
	Solar	0	0	0	0.00	0
	Renewable(Total)	**40**	**0**	**0**	**0.00**	**0**
	Total Haryana	**4599**	**1047**	**1029**	**27.36**	**1140**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	897	1039	23.14	964
	suratgarh TPS (6*250)	1500	180	222	4.87	203
	Chabra TPS (4*250)	1000	735	680	17.25	719
	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	152	175	4.32	180
	RAPS A (NPC) (1*100+1*200)	300	193	193	4.30	179
	Barsingsar (NLC) (2*125)	250	211	215	4.97	207
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	358	582	12.02	501
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	824	1126	23.78	991
	Kawai(Adani) (2*660)	1320	1019	1201	27.91	1163
	Thermal (Total)	**8876**	**4569**	**5433**	**122.55**	**5106**
	Total Hydro	550	129	131	3.40	142
	Wind power	4017	486	142	9.19	383
	Biomass	99	14	14	0.33	14
	Solar	1295	0	0	0.00	0
	Renewable/Others (Total)	5411	500	156	9.52	397
	Total Rajasthan	**14837**	**5198**	**5720**	**135.47**	**5645**
UP	Anpara TPS (3*210+2*500)	1630	1247	1237	29.47	1228
	Obra TPS (2*50+2*94+5*200)	1194	509	444	11.01	459
	Paricha TPS (2*110+2*220+2*250)	1160	0	0	0.00	0
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	154	160	3.99	166
	Tanda TPS (NTPC) (4*110)	440	360	276	7.88	328
	Roza TPS (IPP) (4*300)	1200	783	738	20.87	870
	Anpara-C (IPP) (2*600)	1200	536	487	12.45	519
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	0	0.00	0
	Anpara-D(2*500)	1000	871	860	20.23	843
	Lalitpur TPS(3*660)	1980	1099	718	22.21	926
	Bara(2*660)	1320	541	381	11.82	493
	Thermal (Total)	**12449**	**6100**	**5301**	**139.93**	**5830**
	Vishnuparyag HPS (IPP)(4*110)	440	63	63	1.52	63
	Alaknanada(4*82.5)	330	77	0	0.92	38
	Other Hydro	527	25	24	0.97	40
	Cogeneration	981	850	850	20.40	850
	Wind Power	0	0	0	0.00	0
	Biomass	26	0	0	0.00	0
	Solar	102	0	0	0.00	0
	Renewable(Total)	**128**	**0**	**0**	**0.00**	**0**
	Total UP	**14855**	**7115**	**6238**	**163.74**	**6822**
Uttarakhand	Other Hydro	1250	426	369	7.64	318
	Total Gas	225	293	206	5.49	229
	Wind Power	0	0	0	0.00	0
	Biomass	127	0	0	0.00	0
	Solar	20	0	0	0.13	5
	Small Hydro (< 25 MW)	180	0	0	0.00	0
	Renewable(Total)	327	0	0	0.13	5
	Total Uttarakhand	1802	719	575	13.26	552
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.01	0
	Delhi Gas Turbine (6x30 + 3x34)	282	73	73	1.92	80
	Pragati Gas Turbine (2x104+ 1x122)	330	155	159	3.80	159
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	253	250	6.39	266
	Badarpur TPS (NTPC) (3*95+2*210)	705	0	0	0.00	0
	Thermal (Total)	**2917**	**481**	**482**	**12.10**	**504**
	Wind Power	0	0	0	0.00	0
	Biomass	16	0	0	0.00	0
	Solar	2	0	0	0.00	0
	Renewable(Total)	**18**	**0**	**0**	**0.00**	**0**
	Total Delhi	**2935**	**481**	**482**	**12.10**	**504**
HP	Baspa HPS (IPP) (3*100)	300	0	0	0.95	40
	Malana HPS (IPP) (2*43)	86	0	0	0.23	9
	Other Hydro	372	220	133	4.91	205
	Wind Power	0	0	0	0.00	0
	Biomass	0	0	0	0.00	0
	Solar	0	0	0	0.00	0
	Small Hydro (< 25 MW)	486	120	112	2.82	117
	Renewable(Total)	**486**	**120**	**112**	**2.82**	**117**
	Total HP	**1244**	**340**	**245**	**8.90**	**371**
J & K	Baglihar HPS (IPP) (3*150+3*150)	900	148	148	3.57	149
	Other Hydro/IPP(including 98 MW Small Hydro)	308	131	109	2.91	121
	Gas/Diesel/Others	190	0	0	0.00	0
	Wind Power	0	0	0	0.00	0
	Biomass	0	0	0	0.00	0
	Solar	0	0	0	0.00	0
	Small Hydro (< 25 MW)Included in Other Hydro Above	98	0	0	0.00	0
	Renewable(Total)	**98**	**0**	**0**	**0.00**	**0**
	Total J & K	**1398**	**279**	**257**	**6**	**270**

Total State Control Area Generation	**50078**	**18072**	**16065**	**427.17**	**17799**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		**7312.69**	**6876.13**	**193.14**	**8048**
Total Regional Availability(Gross)	**75315**	**42633**	**32232**	**892.45**	**37186**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**9195**	**1536**	**87.10**	**3629**
State Control Area Hydro	**7163**	**1985**	**1545**	**39.39**	**1875**
Total Regional Hydro	**19397**	**11180**	**3081**	**126.48**	**5504**

V. Total Renewable Generation:

Regional Entities Renewable	**30**	**0**	**0**	**0.16**	**7**
State Control Area Renewable	**7356**	**620**	**268**	**12.78**	**532**
Total Regional Renewable	**7386**	**620**	**268**	**12.94**	**539**

VI(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(19:00 Hrs)	Off Peak(03:00 Hrs)	Maximum Interchange (MW)		Energy (MU)		Net Energy
	MW	MW	Import	Export	Import	Export	MU
Vindhychal(HVDC B/B)	-200	-300	100	400	0.07	5.85	-5.78
765 KV Gwalior-Agra (D/C)	2376	2122	2797	0	58.02	0.00	58.02
400 KV Zerda-Kankroli	-148	-123	0	158	0.00	2.38	-2.38
400 KV Zerda-Bhinmal	1	7	152	125	0.00	0.25	-0.25
220 KV Auraiya-Malanpur	0	-99	96	120	0.00	2.05	-2.05
220 KV Badod-Kota/Morak	-49	-61	9	78	0.00	1.08	-1.08
Mundra-Mohindergarh(HVDC Bipole)	2198	2198	2505	0.00	54.74	0.00	54.74
400 KV RAPPC-Sujalpur	263	220	360	0	5.80	0.00	5.80
400 KV Vindhyachal-Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	1081	974	1414	0	28.46	0.00	28.46
+/- 800 kV HVDC Champa-Kurushetra	0	151	0	0	2.11	0.00	2.11
Sub Total WR	**5522**	**4938**			**147.09**	**11.60**	**135.49**
400 kV Sasaram - Varanasi	286	277	290	0	6.75	0.00	6.75
400 kV Sasaram - Allahabad	105	109	143	0	2.73	0.00	2.73
400 KV MZP- GKP (D/C)	40	260	320	52	4.50	0.00	4.50
400 KV Patna-Balia(D/C) X 2	613	630	847	0	16.27	0.00	16.27
400 KV B'Sharif-Balia (D/C)	-15	90	161	15	2.17	0.00	2.17
765 KV Gaya-Balia	239	194	340	0	5.91	0.00	5.91
765 KV Gaya-Varanasi (D/C)	396	352	675	0	11.63	0.00	11.63
220 KV Pusauli-Sahupuri	83	174	195	0	3.96	0.00	3.96
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-28	-20	0	30	0.00	0.57	-0.57
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	0	-108	31	130	0.00	0.97	-0.97
400 KV Barh -GKP (D/C)	510	460	568	0	11.67	0.00	11.67
400 kV B'Sharif - Varanasi (D/C)	66	20	98	147	0.19	0.00	0.19
Sub Total ER	**2295**	**2438**			**65.78**	**1.54**	**64.24**
+/- 800 KV HVDC BiswanathCharialli-Agra	-504	-500	0	506.00	0.00	6.59	-6.59
Sub Total NER	**-504**	**-500**			**0.00**	**6.59**	**-6.59**
Total IR Exch	**7313**	**6876**			**212.87**	**19.73**	**193.14**

VI(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**
42.69	0.21	42.90	-2.62	0.21	3.88	-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**
44.16	142.82	186.98	57.65	135.49	193.14	13.49	-7.34	6.16

VI(C). Inter National Exchange with Nepal [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(19:00 Hrs)	Off Peak(03:00 Hrs)	Maximum Interchange (MW)		Energy (MU)		Net Energy
	MW	MW	Import	Export	Import	Export	MU
132 KV Tanakpur - Mahendarnagar	-37	-34	0	38	0	1	-0.88

VII. 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	0.15	9.10	62.85	75.51	12.14	3.31	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)	
50.22	18.02	49.79	21.06	49.98	0.044	0.064	50.10	49.87	24.49

VIII(A). 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	410	2:26	401	21:10	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	417	2:59	398	18:40	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	418	2:58	401	9:15	0.0	0.0	0.0	0.0	0.0
Kanpur	400	416	2:59	402	9:19	0.0	0.0	0.0	0.0	0.0
Dadri	400	428	2:58	408	9:16	0.0	0.0	26.5	0.0	26.5
Ballabhgarh	400	425	3:58	404	9:17	0.0	0.0	21.0	0.0	21.0
Bawana	400	426	3:01	407	9:17	0.0	0.0	21.9	0.0	21.9
Bassi	400	425	18:03	397	7:17	0.0	0.0	6.2	0.0	6.2
Hissar	400	420	3:58	399	7:16	0.0	0.0	0.0	0.0	0.0
Moga	400	422	0:27	312	17:55	34.4	34.4	4.6	0.0	39.0
Abdullapur	400	427	0:27	410	11:10	0.0	0.0	28.8	0.0	28.8
Nalagarh	400	429	3:00	413	11:14	0.0	0.0	39.1	0.0	39.1
Kishenpur	400	419	4:00	402	18:36	0.0	0.0	0.0	0.0	0.0
Wagoora	400	391	13:02	370	19:12	47.3	99.7	0.0	0.0	47.3
Amritsar	400	426	0:22	408	11:09	0.0	0.0	22.9	0.0	22.9
Kashipur	400	0	0:00	0	0:00	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	417	0:00	406	7:14	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	424	3:58	401	9:14	0.0	0.0	16.5	0.0	16.5

VIII(B). 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	778	3:59	748	10:05	0.0	0.0	0.0	0.0	0.0
Balia	765	768	18:15	760	19:09	0.0	0.0	0.0	0.0	0.0

Moga	765	798	0:12	774	12:10	0.0	0.0	0.0	0.0	0.0
Agra	765	790	4:01	759	9:16	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	806	4:00	775	7:20	0.0	0.0	12.7	0.0	12.7
Unnao	765	768	2:58	744	9:17	0.0	0.0	0.0	0.0	0.0
Lucknow	765	792	4:01	763	18:40	0.0	0.0	0.0	0.0	0.0
Meerut	765	807	13:00	767	7:17	0.0	0.0	12.9	0.0	12.9
Jhatikara	765	806	3:58	771	9:20	0.0	0.0	12.4	0.0	12.4
Bareilly 765 kV	765	797	3:59	766	9:11	0.0	0.0	0.0	0.0	0.0
Anta	765	792	15:07	765	6:24	0.0	0.0	0.0	0.0	0.0
Phagi	765	0	0:00	0	0:00	100.0	100.0	0.0	0.0	100.0

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	475.06	356.29	488.88	700.02	182.02	445.40
Pong	426.72	384.05	400.98	244.95	399.48	209.93	65.72	335.07
Tehri	829.79	740.04	782.50	352.44	774.60	258.36	46.59	262.00
Koteshwar	612.50	598.50	610.03	4.44	611.04	4.95	262.00	258.20
Chamera-I	760.00	748.75	758.02	0.00	0.00	0.00	99.20	113.28
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	505.16	1.88	496.13	0.97	131.78	97.96

*** NA: Not Available**

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

State	Off- Peak Hours (03:00 Hrs)			Peak Hours (19:00 Hrs)			Day Energy (MU)		
	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MU)	IEX / PXIL (MU)	Total (MU)
Punjab	-101	-201	0	-101	-202	0	-6.39	-2.28	-8.68
Delhi	-185	-638	0	-302	-71	0	-6.05	-4.63	-10.68
Haryana	-622	364	0	-314	310	0	-9.99	7.56	-2.43
HP	368	90	0	206	-147	0	9.43	-2.30	7.13
J&K	422	-50	0	418	85	0	9.92	0.00	9.92
CHD	0	-14	0	0	-35	0	0.00	-0.46	-0.46
Rajasthan	28	378	0	25	324	0	8.20	7.32	15.52
UP	102	0	0	-31	-100	0	-6.15	-1.81	-7.96
Uttarakhand	11	43	0	0	160	0	0.58	3.74	4.32
Total	**24**	**-28**	**0**	**-97**	**323**	**0**	**-0.44**	**7.13**	**6.69**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-101	-655	1	-478	0	0
Delhi	-169	-337	353	-698	0	0
Haryana	-314	-622	366	92	0	0
HP	588	201	90	-658	0	0
J&K	422	403	99	-202	0	0
CHD	0	0	10	-61	0	0
Rajasthan	920	20	379	-130	0	0
UP	186	-725	0	-100	0	0
Uttarakhand	121	0	356	34	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	**0.35%**

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

WR	**1.04%**
ER	**0.00%**
Simultaneous	**14.93%**

(iii)%age of times Angular Difference on Important Buses was beyond permissible limits(40 deg.)

Rihand - Dadri	**0.00%**

XII. Zero Crossing Violations

State	No. of violations(Maximum 8 in a day)	Maximum number of continuous blocks without sign change
Punjab	2	17
Haryana	1	15
Rajasthan	3	17
Delhi	2	26
UP	1	18
Uttarakhand	1	22
HP	5	33
J & K	3	24
Chandigarh	4	25

XIII.System Constraints:

XIV. Grid Disturbance / Any Other Significant Event:

XV. Weather Conditions For 25.02.2017 :

XVI. Synchronisation of new generating units :

XVII. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :

1500 MVA,765kV/400kV/33kV, ICT -2 first time charged at 21.36 Hrs on 25.02.2017,at Fatehabad without any load.

0
0
0
0

XVIII. Tripping of lines in pooling stations :

XIX. 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 : 25.02.2017

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER