पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(भारत सरकार का उद्यम)

उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 26.03.2017

Date of Reporting : 27.03.2017

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
37400	465	37866	49.92	34836	420	35257	49.99	876.56	9.98

* 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	59.27	3.02	0.32	62.61	59.20	58.08	-1.12	120.69	0.00
Haryana	12.94	0.44	0.00	13.38	98.21	99.58	1.38	112.96	0.00
Rajasthan	106.31	2.08	10.58	118.97	64.09	65.15	1.07	184.13	0.00
Delhi	11.53		0.00	11.53	53.85	53.34	-0.52	64.86	0.00
UP	182.07	3.58	0.00	185.65	110.35	109.89	-0.46	295.54	0.00
Uttarakhand		7.33	0.00	14.31	19.70	18.19	-1.51	32.50	0.00
HP		7.63	4.11	7.63	14.50	15.34	0.85	22.97	0.03
J & K		9.96	0.00	9.96	31.93	29.83	-2.11	39.79	9.95
Chandigarh				0.00	3.45	3.13	-0.32	3.13	0.00
Total	**372.12**	**34.05**	**15.00**	**424.05**	**455.26**	**452.51**	**-2.74**	**876.56**	9.98

* 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	5237	0	-182	0	4389	0	2	-202	5759	12:00	0
Haryana	4737	0	-143	119	3874	0	193	128	5874	7:00	0
Rajasthan	6729	0	7	433	7566	0	233	452	8590	8:00	0
Delhi	2878	0	-116	-311	2194	0	63	-525	3158	12:00	0
UP	13312	0	356	390	12971	0	-62	547	13935	20:00	0
Uttarakhand	1609	0	14	145	1276	0	-1	239	1657	20:00	0
HP	891	4	18	-230	784	0	62	249	1214	9:00	0
J&K	1847	462	-70	298	1682	420	29	347	1847	19:00	462
Chandigarh	160	0	-8	-20	100	0	-10	0	160	19:00	0
Total	**37400**	**465**	**-123**	**824**	**34836**	**420**	**509**	**1234**	**40901**	**20:00**	**461**

* 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	1794	1953	1860	43.41	1809	43.05	0.36
	Rihand I STPS (2*500)	1000	923	911	988	21.04	877	20.75	0.29
	Rihand II STPS (2*500)	1000	953	951	971	21.44	893	20.80	0.64
	Rihand III STPS (2*500)	1000	965	965	1023	21.32	888	21.13	0.19
	Dadri I STPS (4*210)	840	815	325	321	7.48	312	7.69	-0.21
	Dadri II STPS (2*490)	980	490	341	341	8.24	343	8.51	-0.27
	Unchahar I TPS (2*210)	420	407	301	408	7.12	297	7.36	-0.24
	Unchahar II TPS (2*210)	420	405	313	388	6.79	283	7.13	-0.35
	Unchahar III TPS (1*210)	210	203	166	193	3.45	144	3.62	-0.17
	ISTPP (Jhajjhar) (3*500)	1500	1440	611	607	14.88	620	15.11	-0.24
	Dadri GPS (4*130.19+2*154.51)	830	396	264	240	6.32	263	6.44	-0.13
	Anta GPS (3*88.71+1*153.2)	419	262	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	644	0	0	0.00	0	0.00	0.00
	Dadri Solar(5)	5	1	0	0	0.03	1	0.02	0.00
	Unchahar Solar(10)	10	2	0	0	0.05	2	0.05	0.00
	Singrauli Solar(15)	15	3	0	0	0.06	3	0.06	0.00
	KHEP(4*200)	800	872	869	0	2.55	106	2.62	-0.07
	Sub Total (A)	**12112**	**10574**	**7970**	**7340**	**164**	**6840**	**164**	**-0.18**
B. NPC	NAPS (2*220)	440	395	430	437	9.46	394	9.48	-0.02
	RAPS- B (2*220)	440	376	413	419	8.97	374	9.02	-0.05
	RAPS- C (2*220)	440	210	230	234	4.87	203	5.04	-0.17
	Sub Total (B)	**1320**	**981**	**1073**	**1090**	**23.30**	**971**	**23.54**	**-0.25**
C. NHPC	Chamera I HPS (3*180)	540	541	559	0	8.30	346	8.00	0.30
	Chamera II HPS (3*100)	300	301	313	0	2.63	110	2.30	0.33
	Chamera III HPS (3*77)	231	0	0	0	0.00	0	0.00	0.00
	Bairasuil HPS(3*60)	180	179	184	20	3.12	130	2.99	0.13
	Salal-HPS (6*115)	690	280	0	0	0.00	0	6.73	-6.73
	Tanakpur-HPS (3*31.4)	94	19	30	21	0.50	21	0.46	0.04
	Uri-I HPS (4*120)	480	475	481	480	11.66	486	11.40	0.26
	Uri-II HPS (4*60)	240	237	241	241	5.74	239	5.69	0.05
	Dhauliganga-HPS (4*70)	280	280	289	0	1.04	43	0.95	0.09
	Dulhasti-HPS (3*130)	390	387	404	0	3.70	154	3.50	0.20
	Sewa-II HPS (3*40)	120	124	134	134	3.19	133	2.98	0.22
	Parbati 3 (4*130)	520	179	262	0	0.66	27	0.65	0.01
	Sub Total (C)	**4065**	**3002**	**2898**	**895**	**41**	**1690**	**46**	**-5.09**
D.SJVNL	NJPC (6*250)	1500	1605	1605	0	6.72	280	6.69	0.03
	Rampur HEP (6*68.67)	412	375	362	0	1.82	76	1.77	0.05
	Sub Total (D)	**1912**	**1980**	**1967**	**0**	**8.54**	**356**	**8.45**	**0.08**
E. THDC	Tehri HPS (4*250)	1000	692	691	0	6.81	284	6.80	0.01
	Koteshwar HPS (4*100)	400	125	304	93	3.02	126	3.00	0.02
	Sub Total (E)	**1400**	**817**	**995**	**93**	**9.83**	**410**	**9.80**	**0.03**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	432	812	362	10.67	445	10.36	0.31
	Dehar HPS (6*165)	990	253	495	165	6.23	259	6.06	0.17
	Pong HPS (6*66)	396	11	55	0	0.27	11	0.28	-0.01
	Sub Total (F)	**2765**	**696**	**1362**	**527**	**17.16**	**715**	**16.70**	**0.47**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.61	25	0.55	0.05
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	680	0	3.71	155	3.56	0.16
	Malana Stg-II HPS (2*50)	100	0	0	0	0.33	14	0.31	0.02
	Shree Cement TPS (2*150)	300	0	113	149	3.15	131	3.33	-0.18
	Budhil HPS(IPP) (2*35)	70	0	0	0	0.23	10	0.22	0.01
	Sub Total (G)	**1662**	**0**	**793**	**149**	**8.04**	**335**	**7.97**	**0.06**
H. Total Regional Entities (A-G)		**25237**	**18050**	**17058**	**10094**	**271.58**	**11316**	**276.45**	**-4.87**

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	180	200	4.10	171
	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	204	205	4.51	188
	Goindwal(GVK) (2*270)	540	0	0	-0.02	-1

	Rajpura (2*700)	1400	920	920	25.35	1056
	Talwandi Saboo (3*660)	1980	924	924	25.34	1056
	Thermal (Total)	**6560**	**2228**	**2249**	59.27	**2470**
	Total Hydro	1000	94	93	3.02	126
	Wind Power	0	0	0	0.00	0
	Biomass	288	0	0	0.29	12
	Solar	560	0	0	0.03	1
	Renewable(Total)	**848**	**0**	**0**	**0.32**	**13**
	Total Punjab	**8408**	**2322**	**2342**	**62.61**	**2609**
Haryana	Panipat TPS (2*210+2*250)	920	203	199	4.95	206
	DCRTPP (Yamuna nagar) (2*300)	600	225	220	5.40	225
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	0	159	2.59	108
	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**	**428**	**578**	**12.94**	**539**
	Total Hydro	62	24	25	0.44	18
	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**	**452**	**603**	**13.38**	**558**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	309	305	7.35	306
	suratgarh TPS (6*250)	1500	181	185	4.55	190
	Chabra TPS (4*250)	1000	733	789	20.01	834
	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	156	158	4.54	189
	RAPS A (NPC) (1*100+1*200)	300	194	194	4.26	177
	Barsingsar (NLC) (2*125)	250	220	214	4.98	207
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	385	379	12.94	539
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	823	817	21.33	889
	Kawai(Adani) (2*660)	1320	866	874	26.36	1098
	Thermal (Total)	**8876**	**3867**	**3915**	**106.31**	**4430**
	Total Hydro	550	76	82	2.08	87
	Wind power	4017	165	843	6.94	289
	Biomass	99	19	19	0.47	19
	Solar	1295	0	0	3.17	132
	Renewable/Others (Total)	5411	184	862	10.58	441
	Total Rajasthan	**14837**	**4127**	**4859**	**118.97**	**4957**
UP	Anpara TPS (3*210+2*500)	1630	1402	1322	33.59	1400
	Obra TPS (2*50+2*94+5*200)	1194	662	592	15.16	632
	Paricha TPS (2*110+2*220+2*250)	1160	572	797	16.83	701
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaganj TPS (1*60+1*105+2*250)	665	162	211	4.46	186
	Tanda TPS (NTPC) (4*110)	440	296	393	6.95	289
	Roza TPS (IPP) (4*300)	1200	378	558	11.49	479
	Anpara-C (IPP) (2*600)	1200	1073	1080	25.51	1063
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	0	0.00	0
	Anpara-D(2*500)	1000	845	840	19.74	822
	Lalitpur TPS(3*660)	1980	1002	506	14.94	623
	Bara(2*660)	1320	582	561	13.01	542
	Thermal (Total)	**12449**	**6974**	**6860**	**161.67**	**6736**
	Vishnuparyag HPS (IPP)(4*110)	440	78	73	1.85	77
	Alaknanada(4*82.5)	330	84	84	1.25	52
	Other Hydro	527	0	0	0.48	20
	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**	**7986**	**7867**	**185.65**	**7735**
Uttarakhand	Other Hydro	1250	388	184	7.33	305
	Total Gas	225	273	293	6.74	281
	Wind Power	0	0	0	0.00	0
	Biomass	127	0	0	0.00	0
	Solar	20	0	0	0.24	10
	Small Hydro (< 25 MW)	180	0	0	0.00	0
	Renewable(Total)	327	0	0	0.24	10
	Total Uttarakhand	1802	661	477	14.31	596
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	66	69	1.87	78
	Pragati Gas Turbine (2x104+ 1x122)	330	148	150	3.66	152
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	251	252	6.00	250
	Badarpur TPS (NTPC) (3*95+2*210)	705	0	0	0.00	0
	Thermal (Total)	**2917**	**465**	**471**	**11.53**	**480**
	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**	**465**	**471**	**11.53**	**480**
HP	Baspa HPS (IPP) (3*100)	300	0	0	0.00	0
	Malana HPS (IPP) (2*43)	86	0	0	0.37	15
	Other Hydro (>25MW)	372	96	105	3.16	131
	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	181	143	4.11	171
	Renewable(Total)	**486**	**181**	**143**	**4.11**	**171**
	Total HP	**1244**	**277**	**248**	**7.63**	**318**
J & K	Baglihar HPS (IPP) (3*150+3*150)	900	296	296	7.10	296
	Other Hydro/IPP(including 98 MW Small Hydro)	308	136	120	2.86	119
	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**	**432**	**416**	**10**	**415**

Total State Control Area Generation	**50078**	**16722**	**17283**	**424.05**	**17669**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		**7245.88**	**8012.57**	**188.54**	**7856**
Total Regional Availability(Gross)	**75315**	**41026**	**35389**	**884.17**	**36840**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**8771**	**1515**	**83.28**	**3470**
State Control Area Hydro	**7163**	**1726**	**1498**	**34.05**	**1709**
Total Regional Hydro	**19397**	**10497**	**3013**	**117.33**	**5179**

V. Total Renewable Generation:

Regional Entities Renewable	**30**	**0**	**0**	**0.14**	**6**
State Control Area Renewable	**7356**	**365**	**1005**	**15.25**	**635**
Total Regional Renewable	**7386**	**365**	**1005**	**15.39**	**641**

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)	-400	-400	0	400	0.00	9.56	-9.56
765 KV Gwalior-Agra (D/C)	2015	2264	2597	0	50.93	0.00	50.93
400 KV Zerda-Kankroli	-118	-218	0	298	0.00	4.38	-4.38
400 KV Zerda-Bhinmal	-7	-133	23	264	0.00	2.45	-2.45
220 KV Auraiya-Malanpur	-4	-5	0	43	0.00	0.09	-0.09
220 KV Badod-Kota/Morak	40	9	66	37	0.99	0.00	0.99
Mundra-Mohindergarh(HVDC Bipole)	1101	1498	1504	0.00	30.25	0.00	30.25
400 KV RAPPC-Sujalpur	480	280	530	0	9.65	0.00	9.65
400 KV Vindhyachal-Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	898	1100	616	0	24.98	0.00	24.98
+/- 800 kV HVDC Champa-Kurushetra	1500	1500	1500	0	34.24	0.00	34.24
Sub Total WR	**5505**	**5895**			**151.05**	**16.48**	**134.57**
400 kV Sasaram - Varanasi	279	282	292	0	6.62	0.00	6.62
400 kV Sasaram - Allahabad	106	101	124	0	2.57	0.00	2.57
400 KV MZP- GKP (D/C)	250	326	597	0	9.76	0.00	9.76
400 KV Patna-Balia(D/C) X 2	453	672	845	0	14.78	0.00	14.78
400 KV B'Sharif-Balia (D/C)	103	90	252	0	3.66	0.00	3.66
765 KV Gaya-Balia	235	204	287	0	5.41	0.00	5.41
765 KV Gaya-Varanasi (D/C)	324	335	535	0	10.11	0.00	10.11
220 KV Pusauli-Sahupuri	186	201	223	0	3.95	0.00	3.95
132 KV K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48
132 KV Son Ngr-Rihand	-20	-10	0	-27	0.00	0.48	-0.48
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-147	-134	139	218	0.00	1.97	-1.97
400 KV Barh -GKP (D/C)	420	498	534	0	10.44	0.00	10.44
400 kV B'Sharif - Varanasi (D/C)	54	51	175	57	0.64	0.00	0.64
Sub Total ER	**2243**	**2616**			**68.42**	**2.44**	**65.98**
+/- 800 KV HVDC BiswanathCharialli-Agra	-502	-498	0	505.00	0.00	12.00	-12.00
Sub Total NER	**-502**	**-498**			**0.00**	**12.00**	**-12.00**
Total IR Exch	**7246**	**8013**			**219.47**	**30.92**	**188.54**

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**
47.35	0.42	47.77	-2.75	-0.52	4.49	17.04	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**
49.50	150.38	199.89	53.98	134.57	188.54	4.47	-15.81	-11.34

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	-16	-13	0	-17	0	-1	0.63

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	0.28	8.69	56.84	76.31	12.80	2.75	0.14	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	18.03	49.78	21.19	49.99	0.042	0.063	50.11	49.87	23.69

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	406	14:23	402	5:40	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	416	15:01	396	18:57	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	419	15:02	401	19:15	0.0	0.0	0.0	0.0	0.0
Kanpur	400	418	15:03	401	20:08	0.0	0.0	0.0	0.0	0.0
Dadri	400	422	3:30	406	19:10	0.0	0.0	4.3	0.0	4.3
Ballabhgarh	400	422	15:01	406	19:16	0.0	0.0	1.8	0.0	1.8
Bawana	400	423	3:36	406	19:15	0.0	0.0	9.2	0.0	9.2
Bassi	400	424	18:02	402	5:54	0.0	0.0	3.1	0.0	3.1
Hissar	400	419	15:01	403	19:12	0.0	0.0	0.0	0.0	0.0
Moga	400	421	2:32	404	19:08	0.0	0.0	0.4	0.0	0.4
Abdullapur	400	426	2:31	404	18:47	0.0	0.0	22.6	0.0	22.6
Nalagarh	400	429	1:20	409	11:03	0.0	0.0	52.9	0.0	52.9
Kishenpur	400	421	2:26	403	19:15	0.0	0.0	3.7	0.0	3.7
Wagoora	400	404	13:01	380	6:57	0.0	49.3	0.0	0.0	0.0
Amritsar	400	426	1:15	404	11:27	0.0	0.0	22.4	0.0	22.4
Kashipur	400	0	0:00	0	0:00	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	407	7:04	403	10:50	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	421	15:01	403	18:58	0.0	0.0	0.1	0.0	0.1

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	15:01	748	20:07	0.0	0.0	0.0	0.0	0.0
Balia	765	785	13:16	758	19:57	0.0	0.0	0.0	0.0	0.0

Moga	765	803	15:02	768	19:13	0.0	0.0	4.6	0.0	4.6
Agra	765	791	15:02	761	19:15	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	803	3:03	775	19:20	0.0	0.0	5.4	0.0	5.4
Unnao	765	777	15:03	747	20:07	0.0	0.0	0.0	0.0	0.0
Lucknow	765	792	15:01	759	19:15	0.0	0.0	0.0	0.0	0.0
Meerut	765	809	15:02	772	19:14	0.0	0.0	12.9	0.0	12.9
Jhatikara	765	805	15:01	774	19:14	0.0	0.0	2.8	0.0	2.8
Bareilly 765 kV	765	797	15:01	763	20:07	0.0	0.0	0.0	0.0	0.0
Anta	765	795	15:05	771	19:16	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	465.12	195.49	481.33	488.47	178.31	368.60
Pong	426.72	384.05	396.53	151.67	396.81	157.28	48.54	20.05
Tehri	829.79	740.04	765.35	166.24	756.70	96.16	43.29	204.00
Koteshwar	612.50	598.50	611.08	5.20	611.40	5.20	204.00	199.14
Chamera-I	760.00	748.75	755.55	0.00	0.00	0.00	162.17	224.62
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	505.44	0.64	496.27	4.91	157.91	29.04

*** 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	-202	0	0	0	0	0	-4.42	-0.20	-4.62
Delhi	-425	-101	0	-346	35	0	-7.19	-0.55	-7.74
Haryana	-205	333	0	-137	256	0	-3.82	5.96	2.14
HP	259	-11	0	10	-240	0	6.64	-3.04	3.60
J&K	174	173	0	174	124	0	4.18	4.75	8.94
CHD	0	0	0	0	-20	0	0.00	-0.35	-0.35
Rajasthan	17	435	0	16	417	0	0.54	9.63	10.17
UP	162	385	0	102	288	0	1.38	2.07	3.45
Uttarakhand	73	167	0	0	145	0	1.57	5.04	6.62
Total	**-147**	**1381**	**0**	**-181**	**1005**	**0**	**-1.12**	**23.31**	**22.19**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	0	-404	0	-204	0	0
Delhi	-179	-429	70	-183	0	0
Haryana	60	-206	334	-366	0	0
HP	583	-13	4	-584	0	0
J&K	174	174	371	0	0	0
CHD	0	0	0	-66	0	0
Rajasthan	34	12	435	210	0	0
UP	177	-61	482	-100	0	0
Uttarakhand	104	0	396	94	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%**

XII. Zero Crossing Violations

State	No. of violations(Maximum 8 in a day)	Maximum number of continuous blocks without sign change
Punjab	1	20
Haryana	1	13
Rajasthan	1	14
Delhi	4	37
UP	0	10
Uttarakhand	1	17
HP	4	27
J & K	3	47
Chandigarh	3	29

XIII.System Constraints:

XIV. Grid Disturbance / Any Other Significant Event:

XV. Weather Conditions For 26.03.2017 :

XVI. Synchronisation of new generating units :
Bara Unit No3 test synchronized between 0940 to 0956 hrs on 26032017

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

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 : 26.03.2017

पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER