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 26.03.2016
Date of Reporting : 27.03.2016

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
34161	1702	35863	49.99	29378	422	29800	50.04	783.6	33.65

* 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	Actual Drawal	UI	Consumption	Shortages *
	Thermal	Hydro	Renewable/others $	Total	(Net MU)	(Net MU)	(Net MU)	(Net MU)	(MU)
Punjab	28.99	7.29		36.28	59.51	59.78	0.27	96.06	0.00
Haryana	22.43	0.33		22.76	79.94	78.91	-1.03	101.67	0.00
Rajasthan	95.53	1.73	14.68	111.94	57.45	59.71	2.25	171.65	0.00
Delhi	4.55			4.55	54.71	55.47	0.77	60.02	0.53
UP	146.04	3.40		149.44	107.66	107.75	0.08	257.19	23.74
Uttarakhand		8.73		8.73	21.78	23.39	1.61	32.12	0.06
HP		8.29		8.29	14.33	14.60	0.28	22.89	0.14
J & K		10.20	0.00	10.20	30.22	28.49	-1.73	38.69	9.18
Chandigarh				0.00	3.24	3.28	0.27	3.28	0.00
Total	**297.53**	**39.98**	**14.68**	**352.19**	**428.84**	**431.39**	**2.78**	**783.58**	**33.65**

* 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				# Max(hourly) Demand Met of Day (MW)
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction	
Punjab	4069	0	-136	-321	2886	0	46	212	4354
Haryana	5304	0	139	62	3038	0	15	52	5620
Rajasthan	6577	0	316	509	6875	0	28	500	7592
Delhi	2791	57	-11	-337	2041	0	183	-768	3028
UP	10765	1165	-5	255	11303	190	2	135	11975
Uttarakhand	1616	0	135	307	1118	0	92	132	1621
HP	943	0	-53	-334	710	0	45	62	1208
J&K	1920	480	135	340	1313	232	-258	397	2085
Chandigarh	177	0	8	-40	94	0	4	-10	177
Total	**34161**	**1702**	**527**	**442**	**29378**	**422**	**157**	**711**	**36443**

* 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	1833	1711	1998	43.24	1802	43.17	0.07
	Rihand I STPS (2*500)	1000	720	771	764	17.02	709	16.69	0.33
	Rihand II STPS (2*500)	1000	946	1029	988	22.45	935	21.83	0.62
	Rihand III STPS (2*500)	1000	946	1019	995	22.26	928	22.08	0.18
	Dadri I STPS (4*210)	840	815	382	314	8.55	356	9.00	-0.45
	Dadri II STPS (2*490)	980	980	451	461	10.86	452	11.47	-0.61
	Unchahar I TPS (2*210)	420	350	347	284	7.41	309	7.43	-0.02
	Unchahar II TPS (2*210)	420	404	338	307	7.03	293	7.04	-0.01
	Unchahar III TPS (1*210)	210	202	161	155	3.49	145	3.53	-0.04
	ISTPP (Jhajjhar) (3*500)	1500	950	504	310	8.39	350	8.59	-0.20
	Dadri GPS (4*130.19+2*154.51)	830	800	187	189	4.42	184	4.74	-0.32
	Anta GPS (3*88.71+1*153.2)	419	410	0	0	0.00	0	0.00	0.00
	Auraiya GPS (4*111.19+2*109.30)	663	653	0	0	0.00	0	0.00	0.00
	Dadri Solar(5)	5	1	0	0	0.01	1	0.02	-0.01
	Unchahar Solar(10)	10	1	0	0	0.03	1	0.03	0.00
	Singrauli Solar(15)	15	3	0	0	0.06	2	0.07	-0.01
	KHEP(4*200)	800	655	654	0	2.07	86	2.00	0.07
	Sub Total (A)	**12112**	**10669**	**7554**	**6765**	**157**	**6554**	**158**	**0**
B. NPC	NAPS (2*220)	440	404	438	442	9.57	399	9.70	-0.13
	RAPS- B (2*220)	440	377	415	424	9.00	375	9.05	-0.05
	RAPS- C (2*220)	440	415	442	443	9.57	399	9.96	-0.39
	Sub Total (B)	**1320**	**1196**	**1295**	**1309**	**28.14**	**1172**	**28.70**	**-0.57**
C. NHPC	Chamera I HPS (3*180)	540	534	545	0	4.49	187	4.27	0.22
	Chamera II HPS (3*100)	300	300	303	0	2.81	117	2.58	0.24
	Chamera III HPS (3*77)	231	235	229	0	1.67	69	1.58	0.09
	Bairasuil HPS(3*60)	180	179	184	61	3.10	129	2.99	0.11
	Salal-HPS (6*115)	690	325	494	341	8.59	358	7.78	0.81
	Tanakpur-HPS (3*40)	94	16	16	14	0.42	18	0.38	0.04
	Uri-I HPS (4*120)	480	452	473	471	11.07	461	10.90	0.17
	Uri-II HPS (4*60)	240	217	226	221	5.30	221	5.21	0.09
	Dhauliganga-HPS (4*70)	280	248	289	0	0.89	37	0.79	0.10
	Dulhasti-HPS (3*130)	390	387	405	0	3.89	162	3.69	0.19
	Sewa-II HPS (3*40)	120	119	126	125	2.98	124	2.86	0.12
	Parbati 3 (4*130)	520	204	130	0	0.93	39	0.90	0.03
	Sub Total (C)	**4065**	**3216**	**3419**	**1232**	**46**	**1923**	**44**	**2**
D.SJVNL	NJPC (6*250)	1500	1350	1359	0	6.73	280	6.60	0.13
	Rampur HEP (6*68.67)	412	375	375	0	1.92	80	1.84	0.08
	Sub Total (D)	**1912**	**1725**	**1734**	**0**	**8.64**	**360**	**8.44**	**0.20**
E. THDC	Tehri HPS (4*250)	1000	536	471	0	5.78	241	5.70	0.08
	Koteshwar HPS (4*100)	400	114	301	92	2.77	116	2.73	0.04
	Sub Total (E)	**1400**	**650**	**772**	**92**	**8.56**	**357**	**8.43**	**0.13**
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	485	953	375	11.68	486	11.65	0.02
	Dehar HPS (6*165)	990	268	660	0	6.24	260	6.42	-0.18
	Pong HPS (6*66)	396	42	165	0	1.00	42	1.02	-0.01
	Sub Total (F)	**2765**	**795**	**1778**	**375**	**18.92**	**788**	**19.09**	**-0.17**
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.51	21	0.48	0.03
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	625	0	3.38	141	3.60	-0.22
	Malana Stg-II HPS (2*50)	100	0	0	0	0.34	14	0.35	-0.01
	Shree Cement TPS (2*150)	300	0	296	295	7.08	295	7.12	-0.04
	Budhil HPS(IPP) (2*35)	70	0	0	0	0.00	0	0.00	0.00
	Sub Total (G)	1662	0	921	295	11.30	471	11.54	-0.25
H. Total Regional Entities (A-G)		**25237**	**18251**	**17474**	**10069**	**278.99**	**11625**	**277.85**	**1.15**

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	210	163	3.68	153
	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	-0.07	-3
	Goindwal(GVK)		0	0	3.78	157
	Rajpura (2*700)	1400	660	330	12.47	520
	Talwandi Saboo (2*660)	1320	308	308	9.15	381
	Thermal (Total)	**5360**	**1178**	**801**	**28.99**	**1208**
	Total Hydro	1000	335	290	7.29	304
	Total Punjab	**6360**	**1513**	**1091**	**36.28**	**1512**
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	547	480	11.83	493
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (khedar) (IPP) (2*600)	1200	479	391	10.60	442
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	0	0	0.00	0
	Thermal (Total)	**4944**	**1026**	**871**	**22.43**	**934**
	Total Hydro	62	9	17	0.33	14
	Total Haryana	**5006**	**1035**	**888**	**22.76**	**948**
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	352	350	8.51	354
	suratgarh TPS (6*250)	1500	192	195	4.64	193
	Chabra TPS (4*250)	1000	563	475	13.53	564
	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	212	216	5.39	225
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingsar (NLC) (2*125)	250	158	158	3.60	150
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	698	444	14.77	616
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	826	817	19.92	830
	Kawai(Adani) (2*660)	1320	1013	870	25.17	1049
	Thermal (Total)	**8876**	**4014**	**3525**	**96**	**3980**
	Total Hydro	550	75	73	1.73	72
	Wind power	3214	107	1020	11.11	463
	Biomass	99	20	20	0.49	20
	Solar	730	0	0	3.09	129
	Renewable/Others (Total)	4043	127	1040	14.68	612
	Total Rajasthan	**13469**	**4216**	**4638**	**111.94**	**4664**
UP	Anpara TPS (3*210+2*500)	1630	1066	1063	25.70	1071
	Obra TPS (2*50+2*94+5*200)	1194	316	426	8.70	363
	Paricha TPS (2*110+2*220+2*250)	1140	838	962	22.00	917
	Panki TPS (2*105)	210	72	77	1.70	71
	Harduaganj TPS (1*60+1*105+2*250)	665	329	326	7.70	321
	Tanda TPS (NTPC) (4*110)	440	387	386	9.24	385
	Roza TPS (IPP) (4*300)	1200	824	833	19.40	808
	Anpara-C (IPP) (2*600)	1200	1076	1085	25.80	1075
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	0	0	0.00	0
	Anpara-D(2*500)	500	289	327	6.20	258
	Lalitpur TPS(2*660)	1320	0	405	5.20	217
	Bara(2*660)	1320	0	0	0.00	0
	Thermal (Total)	**11269**	**5197**	**5890**	**132**	**5485**
	Vishnuparyag HPS (IPP)(4*110)	440	68	72	1.60	67
	Alaknanada(4*82.5)	330	76	75	1.20	50
	Other Hydro	527	35	5	0.60	25
	Cogeneration	981	600	600	14.40	600
	Total UP	**13547**	**5976**	**6642**	**149**	**6227**
Uttarakhand	Total Hydro	1398	483	281	8.73	364
	Total Uttarakhand	**1398**	**483**	**281**	**8.73**	**364**
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.02	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	37	37	0.90	38
	Pragati Gas Turbine (2x104+ 1x122)	330	0	0	-0.01	0
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	0	0	-0.10	-4
	Badarpur TPS (NTPC) (3*95+2*210)	705	165	165	3.78	157
	Thermal (Total)	2917	202	202	4.55	189
	Total Delhi	**2917**	**202**	**202**	**4.55**	**189**
HP	Baspa HPS (IPP) (3*100)	300	29	0	0.97	40
	Malana HPS (IPP) (2*43)	86	0	0	0.38	16
	Other Hydro	878	292	254	6.95	290
	Total HP	**1264**	**321**	**254**	**8.29**	**345**
J & K	Baglihar HPS (IPP) (3*150)	450	300	300	7.78	324
	Other Hydro/IPP	560	122	72	2.43	101
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	**1200**	**422**	**372**	**10.20**	425
Total State Control Area Generation		**45161**	**14168**	**14368**	**352.19**	**14675**
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			**7495**	**7582**	**171.21**	**7134**
Total Regional Availability(Gross)		**70398**	**39137**	**32019**	**802.39**	**33433**

IV. Total Hydro Generation:

Regional Entities Hydro	**12234**	**8982**	**1699**	**88.55**	**3690**
State Control Area Hydro	**6581**	**1824**	**1439**	**40**	**1666**
Total Regional Hydro	**18815**	**10806**	**3138**	**128.54**	**5356**

V(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)	250	250	250	0	3.02	0.00	3.02
765 KV Gwalior-Agra (D/C)	2418	2618	3176	0	66.06	0.00	66.06
400 KV Zerda-Kankroli	-81	-236	0	236	0.00	3.24	-3.24
400 KV Zerda-Bhinmal	-177	-192	50	352	0.00	3.55	-3.55
220 KV Auraiya-Malanpur	5	-16	0	23	0.05	0.00	0.05
220 KV Badod-Kota/Morak	3	-12	71	27	0.14	0.00	0.14
Mundra-Mohindergarh(HVDC Bipole)	2498	2503	2506	0	60.45	0.00	60.45
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	776	635	1047	0	20.34	0.00	20.34
Sub Total WR	**5692**	**5550**			**150.07**	**6.79**	**143.27**
Pusauli Bypass/HVDC	400	400	400	0	9.14	0.00	9.14
400 KV MZP- GKP (D/C)	580	334	0	588	0.00	8.45	-8.45
400 KV Patna-Balia(D/C) X 2	322	464	484	0	9.43	0.00	9.43
400 KV B'Sharif-Balia (D/C)	-108	-125	44	162	0.00	2.01	-2.01
765 KV Gaya-Balia	167	162	297	0	2.60	0.00	2.60
765 KV Gaya-Varanasi -1	0	0	0	0	0.00	0.00	0.00
220 KV Pusauli-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-16	-18	0	30	0.00	0.52	-0.52
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-396	-177	0	396	0.00	4.42	-4.42
400 KV Barh -GKP (D/C)	368	506	536	0	10.60	0.00	10.60
Sub Total ER	**1317**	**1546**			**31.77**	**15.40**	**16.37**
+/- 800 KV BiswanathChariali-Agra	486	486	486	0	11.57	0.00	11.57
Sub Total NER	**486**	**486**			**11.57**	**0.00**	**11.57**
Total IR Exch	**7495**	**7582**			**193.40**	**22.19**	**171.21**

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
31.71	0.26	31.97	0.64	-7.50	0.14	20.53	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
32.75	139.06	171.82	27.94	143.27	171.21	-4.82	4.21	-0.61

V(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	-28	-32	0	33	0	1	-0.70

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	0.96	11.37	57.98	74.27	11.30	3.10	0.00	0.00

<---------- Frequency (Hz) ---------->				Average Frequency	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum		Minimum					MAX	MIN	
Freq	Time	Freq	Time	Hz			(Hz)	(Hz)	
50.19	13.03	49.75	15.18	49.98	0.049	0.068	50.17	49.91	25.73

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviation Index (% of Time)
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV	
Rihand	400	404	07:03	399	01:37	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	415	21:44	403	18:43	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	415	05:01	400	11:50	0.0	0.0	0.0	0.0	0.0
Kanpur	400	416	04:58	402	19:10	0.0	0.0	0.0	0.0	0.0
Dadri	400	422	02:01	399	15:53	0.0	0.0	5.7	0.0	5.7
Ballabhgarh	400	426	02:52	406	11:53	0.0	0.0	28.9	0.0	28.9
Bawana	400	426	02:00	407	11:49	0.0	0.0	28.3	0.0	28.3
Bassi	400	422	05:01	403	11:51	0.0	0.0	0.3	0.0	0.3
Hissar	400	421	02:52	400	11:47	0.0	0.0	0.2	0.0	0.2
Moga	400	415	05:57	398	11:47	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	426	02:13	403	19:00	0.0	0.0	21.3	0.0	21.3
Nalagarh	400	434	02:14	404	11:53	0.0	0.0	41.4	13.5	41.4
Kishenpur	400	430	04:32	400	19:02	0.0	0.0	21.3	0.0	21.3
Wagoora	400	413	04:32	377	19:06	3.8	21.4	0.0	0.0	3.8
Amritsar	400	429	02:12	400	11:47	0.0	0.0	23.8	0.0	23.8
Kashipur	400	0	00:00	0	00:00	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	426	02:27	397	11:46	0.0	0.0	11.9	0.0	11.9
Rishikesh	400	0	00:00	0	00:00	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 Deviation Index (% of Time)
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV	
Fatehpur	765	756	04:59	733	19:14	0.0	20.0	0.0	0.0	0.0
Balia	765	766	09:58	746	18:43	0.0	0.0	0.0	0.0	0.0
Moga	765	791	07:05	761	11:51	0.0	0.0	0.0	0.0	0.0
Agra	765	780	04:59	751	11:53	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	800	21:43	764	11:51	0.0	0.0	0.0	0.0	0.0
Unnao	765	758	07:04	740	11:53	0.0	1.1	0.0	0.0	0.0
Lucknow	765	779	21:58	759	19:08	0.0	0.0	0.0	0.0	0.0
Meerut	765	803	02:56	766	11:50	0.0	0.0	4.6	0.0	4.6
Jhatikara	765	800	21:57	767	11:51	0.0	0.0	0.0	0.0	0.0
Bareilly 765 kV	765	781	21:58	755	11:52	0.0	0.0	0.0	0.0	0.0
Anta	765	779	05:05	760	12:45	0.0	0.0	0.0	0.0	0.0
Phagi	765	783	04:59	759	11:46	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	481.50	495.33	480.47	468.02	165.68	355.69
Pong	426.72	384.05	396.81	157.28	402.44	273.51	71.39	87.67
Tehri	829.79	740.04	756.70	96.15	774.95	262.90	40.34	197.00
Koteshwar	612.50	598.50	611.40	5.20	611.10	5.10	197.00	182.68
Chamera-I	760.00	748.75	755.71	0.00	0.00	0.00	141.85	125.14
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	496.27	4.91	508.19	4.52	118.43	270.06

*** 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	5	206	0	-602	281	0	-2.10	6.70	4.60
Delhi	-724	-44	0	-624	287	0	-16.14	4.34	-11.80
Haryana	-163	215	0	-192	254	0	-5.18	5.25	0.07
HP	30	32	0	132	-466	0	3.34	-2.57	0.77
J&K	397	0	0	291	49	0	7.72	-0.59	7.13
CHD	0	-10	0	0	-40	0	0.00	-0.27	-0.27
Rajasthan	-11	511	0	-7	517	0	0.57	12.33	12.90
UP	135	0	0	255	0	0	1.43	0.00	1.43
Uttarakhand	194	-61	0	194	113	0	4.65	1.71	6.36
Total	**-138**	**849**	**0**	**-554**	**996**	**0**	**-5.70**	**26.89**	**21.19**

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	5	-602	347	22	0	0
Delhi	-595	-724	417	-53	0	0
Haryana	-163	-391	271	-190	0	0
HP	242	30	66	-819	0	0
J&K	397	159	49	-228	0	0
CHD	0	0	0	-56	0	0
Rajasthan	185	-11	521	509	0	0
UP	327	-79	0	0	0	0
Uttarakhand	194	194	307	-82	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	**0.69%**
ER	**0.00%**
Simultaneous	**15.28%**

(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 26.03.2016 :
Normal

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 :

Report for : 26.03.2016 **पारी प्रभारी अभियंता / SHIFT CHARGE ENGINEER**