

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(सरकारी की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GO1188682

Power Supply Position in Northern Region for 14.03.2016

Date of Reporting : 15.03.2016



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
33017	1386	34402	50.09	26987	1319	28306	49.89	734.4	46.38

* Shortage furnished by the respective constituent. Others include UP Co-generation and JK Diesel

II. A. State's Load Details (At States periphery) in MUs:

State	State's Control Area Generation (Net MU)				Drawal Schedule (Net MU)	Actual Drawal (Net MU)	UI (Net MU)	Consumption (Net MU)	UI [OD:(+ve), UD:(-ve)] Shortages *
	Thermal	Hydro	Renewable/others \$	Total					
Punjab	20.76	2.16		22.92	51.05	51.42	0.37	74.34	0.00
Haryana	19.60	0.46		20.06	76.12	75.59	-0.53	95.65	0.00
Rajasthan	118.28	4.47	5.65	128.40	61.92	64.74	2.82	193.14	0.00
Delhi	10.27			10.27	48.67	49.29	0.62	59.57	0.02
UP	113.33	3.40		116.73	93.60	95.61	2.02	212.34	36.95
Uttarakhand		9.25		9.25	20.52	22.17	1.65	31.42	0.00
HP		8.47		8.47	16.71	16.38	-0.34	24.85	0.00
J & K		10.71	0.00	10.71	31.29	29.19	-2.09	39.91	9.41
Chandigarh				0.00	3.50	3.24	0.27	3.24	0.00
Total	282.25	38.92	5.65	326.81	403.37	407.62	4.79	734.43	46.38

* Shortage furnished by the respective constituent. Others include UP Co-generation and JK Diesel

II. B. State's Demand Met in MWs:

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	3201	0	177	-936	2507	0	-44	247	3721
Haryana	5233	0	197	79	2789	0	-244	-546	5611
Rajasthan	7384	0	317	467	7781	0	145	475	8786
Delhi	2801	0	-118	-619	1743	0	-41	-1016	3122
UP	9577	905	217	10	8796	1050	396	114	10302
Uttarakhand	1628	0	218	394	1042	0	-3	195	1628
HP	1096	0	-840	-37	720	0	64	11	1319
J&K	1922	481	192	508	1525	269	-166	420	1922
Chandigarh	175	0	0	-41	85	0	-30	-15	175
Total	33017	1386	359	-174	26987	1319	76	-114	35283

* 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 :

Entity	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	1884	2024	1775	42.76	1782	42.58	0.18
	Rihand I STPS (2*500)	1000	877	750	701	16.51	688	16.13	0.38
	Rihand II STPS (2*500)	1000	970	893	776	19.47	811	18.92	0.55
	Rihand III STPS (2*500)	1000	970	818	776	20.15	840	19.84	0.31
	Dadri I STPS (4*210)	840	815	313	307	6.98	291	7.07	-0.10
	Dadri II STPS (2*490)	980	980	705	706	16.01	667	16.48	-0.47
	Unchahar I TPS (2*210)	420	350	318	265	6.06	253	6.29	-0.23
	Unchahar II TPS (2*210)	420	404	324	309	7.01	292	7.00	0.01
	Unchahar III TPS (1*210)	210	202	160	153	3.43	143	3.52	-0.08
	ISTPP (Jhajjar) (3*500)	1500	950	478	353	8.14	339	8.35	-0.21
	Dadri GPS (4*130.19+2*154.51)	830	799	0	202	2.22	93	2.35	-0.12
	Anta GPS (3*88.71+1*153.2)	419	415	0	215	1.84	76	2.22	-0.39
	Auraiya GPS (4*111.19+2*109.30)	663	494	0	0	0.00	0	0.00	0.00
	Dadri Solar(5)	5	1	0	0	0.02	1	0.02	0.00
	Unchahar Solar(10)	10	1	0	0	0.03	1	0.03	0.00
	Singrauli Solar(15)	15	2	0	0	0.05	2	0.05	0.00
KHEP(4*200)	800	655	652	0	4.97	207	5.00	-0.03	
Sub Total (A)	12112	10767	7435	6538	156	6486	156	0	
B. NPC	NAPS (2*220)	440	408	438	453	9.83	410	9.79	0.04
	RAPS- B (2*220)	440	381	420	427	9.19	383	9.14	0.05
	RAPS- C (2*220)	440	418	447	454	9.81	409	10.03	-0.23
	Sub Total (B)	1320	1207	1305	1334	28.83	1201	28.97	-0.14
C. NHPC	Chamera I HPS (3*180)	540	534	539	349	11.87	495	11.54	0.33
	Chamera II HPS (3*100)	300	300	303	0	2.43	101	2.22	0.20
	Chamera III HPS (3*77)	231	235	231	0	1.25	52	1.19	0.06
	Bairasuli HPS(3*60)	180	182	184	122	3.04	127	2.94	0.11
	Salal-HPS (6*115)	690	396	458	376	9.99	416	9.47	0.52
	Tanakpur-HPS (3*40)	94	18	28	16	0.49	20	0.44	0.05
	Uri-I HPS (4*120)	480	462	90	473	11.28	470	11.05	0.23
	Uri-II HPS (4*60)	240	236	238	238	5.66	236	5.66	0.00
	Dhauliganga-HPS (4*70)	280	210	210	0	0.65	27	0.65	0.00
	Dulhasti-HPS (3*130)	390	387	407	0	3.34	139	3.16	0.18
	Sewa-II HPS (3*40)	120	119	129	130	3.08	129	2.86	0.22
	Parbati 3 (4*130)	520	130	134	0	0.43	18	0.39	0.04
Sub Total (C)	4065	3209	2952	1704	54	2230	52	2	
D.SJVNL	NJPC (6*250)	1500	1605	1370	0	7.12	297	7.09	0.03
	Rampur HEP (6*68.67)	412	442	375	0	2.00	83	1.97	0.02
	Sub Total (D)	1912	2047	1745	0	9.12	380	9.06	0.05
E. THDC	Tehri HPS (4*250)	1000	510	510	0	6.09	254	6.10	-0.01
	Koteswar HPS (4*100)	400	114	302	90	2.77	116	2.73	0.04
	Sub Total (E)	1400	624	812	90	8.87	369	8.83	0.04
F. BBMB	Bhakra HPS (2*108+3*126+5*157)	1379	462	754	344	10.19	425	11.09	-0.90
	Dehar HPS (6*165)	990	333	495	450	7.56	315	8.00	-0.44
	Pong HPS (6*66)	396	65	220	0	1.57	66	1.57	0.01
	Sub Total (F)	2765	861	1469	794	19.33	805	20.66	-1.33
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	0	0	0.38	16	0.37	0.02
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	625	0	3.38	141	3.84	-0.46
	Malana Stg-II HPS (2*50)	100	0	0	0	0.22	9	0.20	0.01
	Shree Cement TPS (2*150)	300	0	295	294	7.07	295	7.12	-0.05
	Budhil HPS(IPP) (2*35)	70	0	0	0	0.28	12	0.28	0.00
	Sub Total (G)	1662	0	920	294	11.33	472	11.81	-0.48
H. Total Regional Entities (A-G)	25237	18715	16638	10754	286.63	11943	286.74	-0.12	

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	160	3.73	155	
	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)		0	0	0.00	0	
	Rajpura (2*700)	1400	660	660	17.24	718	
	Talwandi Saboo (2*660)	1320	0	0	-0.11	-5	
	Thermal (Total)	5360	870	820	20.76	865	
	Total Hydro	1000	152	44	2.16	90	
	Total Punjab	6360	1022	864	22.92	955	
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
DCRTPP (Yamuna nagar) (2*300)		600	540	457	11.51	479	
Faridabad GPS (NTPC)		432	323	305	8.10	337	
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)		4944	863	762	19.60	817	
Total Hydro		62	17	20	0.46	19	
Total Haryana		5006	880	782	20.06	836	
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	876	859	20.32	847
	suratgarh TPS (6*250)	1500	389	381	9.34	389	
	Chabra TPS (4*250)	1000	564	552	14.16	590	
	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	218	185	5.14	214	
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0	
	Barsingsar (NLC) (2*125)	250	188	189	4.24	177	
	Giral LTPS (2*125)	250	0	0	0.00	0	
	Rajwast LTPS (IPP) (8*135)	1080	724	846	19.71	821	
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0	
	Kalsindh Thermal(2*600)	1200	895	844	21.70	904	
	Kawail(Adani) (2*660)	1320	862	923	23.66	986	
	Thermal (Total)	8876	4716	4779	118	4928	
	Total Hydro	550	253	141	4.47	186	
	Wind power	3214	43	64	2.01	84	
	Biomass	99	21	21	0.50	21	
	Solar	730	0	0	3.13	131	
	Renewable/Others (Total)	4043	64	85	5.65	235	
	Total Rajasthan	13469	5033	5005	128.40	5350	
	UP	Anpara TPS (3*210+2*500)	1630	1211	1238	29.50	1229
Obra TPS (2*50+2*94+5*200)		1194	300	399	8.30	346	
Paricha TPS (2*110+2*220+2*250)		1140	747	586	15.20	633	
Panki TPS (2*105)		210	0	0	0.00	0	
Harduaganj TPS (1*60+1*105+2*250)		665	222	160	4.30	179	
Tanda TPS (NTPC) (4*110)		440	279	276	7.13	297	
Roza TPS (IPP) (4*300)		1200	378	378	9.70	404	
Anpara-C (IPP) (2*600)		1200	1084	648	21.00	875	
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	0	0	0.00	0	
Anpara-D(2*500)		500	155	0	1.40	58	
Lalitpur TPS(2*660)		1320	0	0	0.00	0	
Bara(2*660)		1320	0	0	0.00	0	
Thermal (Total)		11269	4376	3685	97	4022	
Vishnuparyag HPS (IPP)(4*110)		440	66	69	1.60	67	
Alakananda(4*82.5)		330	83	0	1.20	50	
Other Hydro		527	10	2	0.60	25	
Cogeneration		981	700	700	16.80	700	
Total UP		13547	5235	4456	117	4864	
Uttarakhand		Total Hydro	1398	404	356	9.25	385
		Total Uttarakhand	1398	404	356	9.25	385
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.08	-3	
	Delhi Gas Turbine (6x30 + 3x34)	282	42	35	0.87	36	
	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	252	252	6.03	251	
	Badarpur TPS (NTPC) (3*95+2*210)	705	161	165	3.46	144	
	Thermal (Total)	2917	455	452	10.27	428	
	Total Delhi	2917	455	452	10.27	428	
HP	Baspa HPS (IPP) (3*100)	300	55	55	0.89	37	
	Malana HPS (IPP) (2*43)	86	0	0	0.32	13	
	Other Hydro	878	1074	267	7.26	303	
	Total HP	1264	1129	322	8.47	353	
J & K	Baglihar HPS (IPP) (3*150)	450	290	292	7.95	331	
	Other Hydro/IPP	560	138	123	2.76	115	
	Gas/Diesel/Others	190	0	0	0.00	0	
	Total J & K	1200	428	415	10.71	446	
Total State Control Area Generation		45161	14586	12652	326.81	13617	
J. Net Inter Regional Exchange (Import +ve)Export (-ve)			6119	4815	143.17	5965	
Total Regional Availability(Gross)		70398	37344	28221	756.61	31525	

IV. Total Hydro Generation:

Regional Entities Hydro	12234	8255	2588	99.77	4157
State Control Area Hydro	6581	2542	1369	39	1622
Total Regional Hydro	18815	10797	3957	138.69	5779

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 MU
	MW	MW	Import	Export	Import	Export	
Vindhyachal(HVDC B/B)	-100	-100	100	100	0.23	2.25	-2.03
765 KV Gwalior-Agra (D/C)	2957	2238	2984	0	61.39	0.00	61.39
400 KV Zarda-Kankroli	-141	-216	0	269	0.00	4.95	-4.95
400 KV Zarda-Bhinmal	-67	-170	0	238	0.00	2.90	-2.90
220 KV Auraiya-Malanpur	-16	-29	0	59	0.00	0.52	-0.52
220 KV Badod-Kota/Morak	-28	-60	30	60	0.00	0.31	-0.31
Mundra-Mohinderghar(HVDC Bipole)	2498	2102	2506	0	57.65	0.00	57.65
400 KV Vindhyachal - Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Phagi-Gwalior (D/C)	827	595	1077	0	20.72	0.00	20.72
Sub Total WR	5930	4360			139.99	10.94	129.05
Pusaali Bypass/HVDC	400	400	400	0	9.01	0.00	9.01
400 KV MZP- GKP (D/C)	-264	-88	20	372	0.00	3.56	-3.56
400 KV Patna-Balia(D/C) X 2	265	459	551	0	9.02	0.00	9.02
400 KV B Sharif-Balia (D/C)	-88	-229	0	343	0.00	3.18	-3.18
765 KV Gaya-Balia	180	84	200	0	1.71	0.00	1.71
765 KV Gaya-Varanasi -1	0	0	0	0	0.00	0.00	0.00
220 KV Pusaali-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Khasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-26	-15	0	28	0.00	0.41	-0.41
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-124	-112	149	151	0.00	0.19	-0.19
400 KV Barh -GKP (D/C)	346	456	498	0	9.44	0.00	9.44
Sub Total ER	689	955			29.17	7.34	21.84
+/- 800 KV BiswanathCharialli-Agra	-500	-500	0	500	0.00	7.72	-7.72
Sub Total NER	-500	-500			0.00	7.72	-7.72
Total IR Exch	6119	4815			169.16	26.00	143.17

V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]

ER	ISGS/LT Schedule (MU)		Bilateral Schedule (MU)		Power Exchange Shdl (MU)		Wheeling (MU)	
	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR
24.46	0.08	24.54	-0.86	-7.37	-1.36	13.15	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
22.32	116.06	138.38	14.12	129.05	143.17	-8.20	12.99	4.79

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 MU
	MW	MW	Import	Export	Import	Export	
132 KV Tanakpur - Mahendnagar	-28	-29	0	32	0	1	-0.66

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	1.56	7.94	48.98	70.32	16.91	4.79	0.10	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)	(Hz)		
50.21	7.02	49.70	19.10	50.00	0.050	0.070	50.15	49.78	29.68

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	405	03:01	398	10:27	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	419	03:02	402	10:29	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	418	02:59	399	10:33	0.0	0.0	0.0	0.0	0.0
Kanpur	400	417	02:58	402	10:29	0.0	0.0	0.0	0.0	0.0
Dadri	400	423	02:58	403	12:19	0.0	0.0	4.5	0.0	4.5
Balabgarh	400	429	02:55	406	11:09	0.0	0.0	31.4	0.0	31.4
Bawana	400	426	02:47	404	12:25	0.0	0.0	24.6	0.0	24.6
Bassi	400	420	18:15	397	22:34	0.0	0.0	0.0	0.0	0.0
Hissar	400	421	02:57	401	11:09	0.0	0.0	0.5	0.0	0.5
Moga	400	423	01:12	402	11:25	0.0	0.0	6.3	0.0	6.3
Abdullapur	400	424	02:59	180	10:03	42.3	42.3	16.7	0.0	59.0
Nalagarh	400	432	02:56	412	18:53	0.0	0.0	59.3	3.4	59.3
Kishenpur	400	427	02:56	403	19:12	0.0	0.0	24.7	0.0	24.7
Wagoora	400	406	02:58	379	07:37	1.1	39.3	0.0	0.0	1.1
Amritsar	400	429	20:54	406	11:16	0.0	0.0	38.8	0.0	38.8
Kashipur	400	420	20:59	411	18:52	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	423	20:29	408	10:11	0.0	0.0	10.0	0.0	10.0
Rishikesh	400	414	02:58	388	10:33	0.0	1.6	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	769	03:00	735	12:25	0.0	3.9	0.0	0.0	0.0
Balia	765	792	15:04	759	18:55	0.0	0.0	0.0	0.0	0.0
Moga	765	802	01:12	762	11:11	0.0	0.0	1.7	0.0	1.7
Agra	765	786	21:50	752	10:29	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0	0.0
Unnao	765	765	02:59	736	10:29	0.0	8.1	0.0	0.0	0.0
Lucknow	765	791	03:02	760	10:29	0.0	0.0	0.0	0.0	0.0
Meerut	765	812	01:23	766	11:09	0.0	0.0	13.3	0.0	13.3
Jhatikara	765	805	02:55	768	10:27	0.0	0.0	10.1	0.0	10.1
Bareilly 765 kV	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0	0.0
Anta	765	778	04:02	755	22:35	0.0	0.0	0.0	0.0	0.0
Phagi	765	784	04:06	751	11:13	0.0	0.0	0.0	0.0	0.0

IX. Reservoir Parameters:

Name of Reservoir	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	482.71	527.87	481.28	488.47	279.74	304.49
Pong	426.72	384.05	397.45	168.56	401.45	252.05	160.41	119.70
Tehri	829.79	740.04	763.75	152.26	779.80	318.00	40.84	195.00
Koteswar	612.50	598.50	611.18	4.95	610.90	5.02	195.00	182.59
Chamera-I	760.00	748.75	752.30	0.00	0.00	0.00	152.13	322.77
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	498.07	0.00	505.47	3.10	223.41	0.00

* 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	242	0	-842	-95	0	-2.74	6.03	3.29
Delhi	-738	-277	0	-684	75	0	-16.42	0.85	-15.57
Haryana	-162	-384	0	-191	271	0	-5.95	3.49	-2.46
HP	30	-19	0	299	-337	0	7.88	-5.48	2.40
J&K	420	0	0	526	-18	0	9.81	-0.44	9.37
CHD	0	-15	0	0	-41	0	0.00	-0.36	-0.36
Rajasthan	-11	484	2	-7	472	2	0.54	10.88	11.42
UP	114	0	0	10	0	0	-4.95	0.00	-4.95
Uttarakhand	193	2	0	193	201	0	4.87	2.38	7.25
Total	-150	33	2	-705	529	2	-6.96	17.36	10.40

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	5	-842	326	-134	0	0
Delhi	-633	-759	397	-277	0	0
Haryana	-162	-390	281	-490	0	0
HP	573	30	-19	-1053	0	0
J&K	526	384	0	-185	0	0
CHD	0	0	0	-56	0	0
Rajasthan	182	-11	493	-3	2	2
UP	218	-539	0	0	0	0
Uttarakhand	222	193	237	2	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%
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XII. System Constraints:

XIII. Grid Disturbance / Any Other Significant Event:

XIV. Weather Conditions For 14.03.2016 :

Rain/ Squall/ Storm in some places of Haryana, Delhi NCR, Punjab, Jammu, HP & Western UP

XV. Synchronisation of new generating units :

XVI. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :
0.00

XVII. Tripping of lines in pooling stations :

XVIII. Complete generation loss in a generating station :