

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पारशिष्ट की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 27.05.2016
Date of Reporting : 28.05.2016



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
42896	504	43399	50.08	41063	3804	44867	50.03	1002.1	35.15

*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:

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	63.39	10.39		73.79	81.23	81.71	0.47	155.49	0.00
Haryana	36.51	0.38		36.89	105.13	101.97	-3.16	138.86	0.00
Rajasthan	113.21	0.00	39.28	152.48	51.74	51.40	-0.33	203.88	0.00
Delhi	20.37			20.37	94.88	93.44	-1.44	113.80	0.04
UP	113.44	16.38		129.82	143.80	148.61	4.80	278.42	25.86
Uttarakhand		13.46		13.46	23.70	26.89	3.19	40.36	0.82
HP		14.57		14.57	9.31	12.02	2.71	26.60	0.00
J & K		21.16	0.00	21.16	16.09	18.06	1.97	39.22	8.44
Chandigarh				0.00	5.73	5.50	0.27	5.50	0.00
Total	346.91	76.35	39.28	462.54	531.61	539.60	8.49	1002.13	35.15

* 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 (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	6824	0	22	49	5874	0	19	320	6880	21:00	0
Haryana	6645	0	-166	575	5967	0	-85	608	7198	23:00	0
Rajasthan	7948	0	82	45	8635	0	195	-123	9595	24:00	0
Delhi	4690	0	-155	610	4886	0	36	457	5425	16:00	0
UP	12031	0	-279	1249	11727	3590	413	1167	12676	24:00	1360
Uttarakhand	1758	75	65	292	1605	0	158	225	1768	14:00	0
HP	1035	0	-55	-1136	953	0	153	-908	1248	10:00	0
J&K	1715	429	13	-631	1215	214	49	-719	1799	22:00	450
Chandigarh	249	0	-24	25	200	0	11	0	295	16:00	0
Total	42896	504	-496	1078	41063	3804	949	1025	45665	24:00	1778

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

Diversity is: 1.03

III. Regional Entities :

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 [DG:(+ve), UG:(-ve)]	
								Maximum Demand Met (MW) and Time(Hrs)	Shortage (MW)
A. NTPC									
Singrauli STPS (5*200+2*500)	2000	1877	2031	2044	45.51	1896	44.78		0.73
Rihand I STPS (2*500)	1000	395	392	441	9.58	399	9.28		0.29
Rihand II STPS (2*500)	1000	952	1023	1027	23.19	966	22.77		0.43
Rihand III STPS (2*500)	1000	952	1005	1014	22.86	952	22.83		0.03
Dadri I STPS (4*210)	840	805	332	423	8.04	335	8.19		-0.15
Dadri II STPS (2*490)	980	960	804	997	21.61	901	22.10		-0.49
Unchahar I TPS (2*210)	420	350	385	374	8.24	343	8.38		-0.15
Unchahar II TPS (2*210)	420	400	439	439	9.33	389	9.50		-0.17
Unchahar III TPS (1*210)	210	200	220	216	4.63	193	4.73		-0.10
ISTPP (Jhajjar) (3*500)	1500	1425	976	1005	18.90	788	19.25		-0.35
Dadri GPS (4*130.19+2*154.51)	830	779	328	233	6.99	291	7.12		-0.13
Anta GPS (3*88.71+1*153.2)	419	392	0	0	0.00	0	0.00		0.00
Auraiya GPS (4*111.19+2*109.30)	663	623	150	131	3.18	133	3.35		-0.16
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	3	0	0	0.05	2	0.07		-0.02
KHEP(4*200)	800	872	873	0	6.52	272	6.00		0.52
Sub Total (A)	12112	10987	8958	8344	189	7862	188		0.25
B. NPC									
NAPS (2*220)	440	393	425	433	9.34	389	9.43		-0.09
RAPS- B (2*220)	440	368	407	414	8.73	364	8.83		-0.10
RAPS- C (2*220)	440	210	214	213	4.35	181	5.04		-0.69
Sub Total (B)	1320	971	1046	1060	22.43	934	23.30		-0.88
C. NHPC									
Chamera I HPS (3*180)	540	540	542	254	6.32	263	6.20		0.12
Chamera II HPS (3*100)	300	300	308	306	6.44	268	6.26		0.19
Chamera III HPS (3*77)	231	177	224	187	4.42	184	4.27		0.14
Bairasuli HPS(3*60)	180	179	183	183	2.21	92	2.12		0.09
Salal-HPS (6*115)	690	599	661	600	15.33	639	14.39		0.94
Tanakpur-HPS (3*31.4)	94	21	28	12	0.66	27	0.52		0.14
Uri-I HPS (4*120)	480	475	473	472	11.45	477	11.40		0.05
Uri-II HPS (4*60)	240	235	239	240	5.71	238	5.64		0.07
Dhauliganga-HPS (4*70)	280	210	220	145	3.03	126	2.79		0.23
Dulhasti-HPS (3*130)	390	387	409	410	9.57	399	9.29		0.28
Sewa-II HPS (3*40)	120	119	86	0	1.69	70	1.50		0.19
Parbati 3 (4*130)	520	241	255	0	2.05	85	1.94		0.11
Sub Total (C)	4065	3484	3628	2808	69	2870	66		2.56
D. SJVNL									
NJPC (6*250)	1500	1605	1624	909	29.93	1247	29.66		0.27
Rampur HEP (6*68.67)	412	442	452	302	8.59	358	8.26		0.33
Sub Total (D)	1912	2047	2076	1211	38.52	1605	37.92		0.60
E. THDC									
Tehri HPS (4*250)	1000	266	267	266	5.27	220	5.30		-0.03
Koteshwar HPS (4*100)	400	96	192	92	2.38	99	2.31		0.07
Sub Total (E)	1400	362	459	358	7.65	319	7.61		0.04
F. BBMB									
Bhakra HPS (2*108+3*126+5*157)	1379	628	1183	438	15.18	633	15.07		0.11
Dehar HPS (6*165)	990	608	660	620	14.91	621	14.60		0.31
Pong HPS (6*66)	396	90	196	49	2.20	92	2.17		0.03
Sub Total (F)	2765	1327	2039	1107	32.29	1345	31.84		0.45
G. IPP(s)/JV(s)									
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	152	72	2.20	92	2.11		0.09
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	900	700	17.46	728	16.80		0.66
Malana Stg-II HPS (2*50)	100	0	46	40	1.04	43	0.98		0.06
Shree Cement TPS (2*150)	300	0	284	290	6.79	283	6.78		0.00
Budhil HPS(IPP) (2*35)	70	0	71	70	1.13	47	1.65		-0.53
Sub Total (G)	1662	0	1452	1171	28.61	1192	28.32		0.29
H. Total Regional Entities (A-G)	25237	19178	19658	16059	387.05	16127	383.74		3.31

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	420	160	6.22	259
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	120	100	2.44	102
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	464	388	9.55	398
	Goindwal(GVK) (2*270)	540	0	0	-0.04	-2
	Rajpura (2*700)	1400	1320	1320	31.70	1321
	Talwandi Saboo (3*660)	1980	614	413	13.53	564
	Thermal (Total)	6560	2938	2381	63.39	2641
	Total Hydro	1000	430	412	10.39	433
Total Punjab	7560	3368	2793	73.79	3074	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	229	227	5.36	224
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	172	157	3.94	164
	RGTPP (Khedar) (IPP) (2*600)	1200	380	387	9.19	383
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	747	448	18.02	751
	Thermal (Total)	4944	1528	1219	36.51	1521
	Total Hydro	62	18	21	0.38	16
Total Haryana	5006	1546	1240	36.89	1537	
Rajasthan	kota TPS (2*110+2*195+3*210)	1240	812	790	18.50	771
	suratgarh TPS (6*250)	1500	195	196	4.45	185
	Chabra TPS (4*250)	1000	557	591	14.72	613
	Dholpur GPS (3*110)	330	99	98	2.45	102
	Ramgarh GPS(1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	167	177	4.13	172
	RAPS A (NPC) (1*100+1*200)	300	145	128	3.26	136
	Barsingsar (NLC) (2*125)	250	72	77	1.82	76
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwst LTPS (IPP) (8*135)	1080	517	501	15.51	646
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	815	815	21.19	883
	Kawai(Adani) (2*660)	1320	912	1079	27.19	1133
	Thermal (Total)	8876	4291	4452	113	4717
	Total Hydro	550	0	0	0.00	0
	Wind power	3214	1307	1752	36.22	1509
	Biomass	99	26	26	0.62	26
	Solar	730	0	0	2.43	101
	Renewable/Others (Total)	4043	1333	1778	39.28	1637
	Total Rajasthan	13469	5624	6230	152.48	6353
	UP	Anpara TPS (3*210+2*500)	1630	1342	1404	31.24
Obra TPS (2*50+2*94+5*200)		1194	438	419	10.09	420
Paricha TPS (2*110+2*220+2*250)		1160	844	639	18.73	780
Panki TPS (2*105)		210	0	0	0.00	0
Harduaqanj TPS (1*60+1*105+2*250)		665	442	439	10.59	441
Tanda TPS (NTPC) (4*110)		440	390	380	9.31	388
Roza TPS (IPP) (4*300)		1200	275	275	6.61	275
Anpara-C (IPP) (2*600)		1200	990	999	20.67	861
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	0	0	0.00	0
Anpara-D(2*500)		1000	0	0	0.00	0
Lalitpur TPS(3*660)		1980	0	0	0.00	0
Bara(2*660)		1320	390	0	3.80	158
Thermal (Total)		12449	5111	4555	111	4626
Vishnuparyag HPS (IPP)(4*110)		440	435	435	10.13	422
Alaknanda(4*82.5)		330	83	160	3.08	128
Other Hydro		527	54	188	3.17	132
Cogeneration		981	100	100	2.40	100
Total UP	14727	5783	5438	130	5409	
Uttarakhand	Total Hydro	1398	549	540	13.46	561
	Total Uttarakhand	1398	549	540	13.46	561
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	96	101	2.42	101
	Pragati Gas Turbine (2x104+ 1x122)	330	267	304	6.58	274
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	255	27	4.06	169
	Badarpur TPS (NTPC) (3*95+2*210)	705	319	362	7.31	305
	Thermal (Total)	2917	936	793	20.37	849
	Total Delhi	2917	936	793	20.37	849
HP	Baspa HPS (IPP) (3*100)	300	195	217	5.61	234
	Malana HPS (IPP) (2*43)	86	45	27	0.90	37
	Other Hydro	878	334	301	8.07	336
	Total HP	1264	574	545	14.57	607
J & K	Baglihar HPS (IPP) (3*150+2*150)	750	734	734	17.62	734
	Other Hydro/IPP	560	150	148	3.54	148
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	1500	884	882	21.16	882
Total State Control Area Generation		47841	19264	18461	462.54	19272
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			7289	8103	175.58	7316
Total Regional Availability(Gross)		73078	46211	42624	1025.17	42715
IV. Total Hydro Generation:						
Regional Entities Hydro		12234	10173	6296	174.55	7273
State Control Area Hydro		6881	3027	3183	76	3181
Total Regional Hydro		19115	13200	9479	250.90	10454

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

Element	Peak(20:00 Hrs) MW	Off Peak(03:00 Hrs) MW	Maximum Interchange (MW)		Energy (MU)		Net Energy MU
			Import	Export	Import	Export	
Vindhychal(HVDC B/B)	-250	250	250	250	1.82	3.12	-1.29
765 KV Gwalior-Agra (D/C)	2776	2716	3202	0	63.05	0.00	63.05
400 KV Zerda-Kankroli	-102	-101	0	274	0.00	4.75	-4.75
400 KV Zerda-Bhinmal	-74	-75	0	280	0.00	4.10	-4.10
220 KV Auraiya-Malanpur	9	13	29	29	0.00	0.31	-0.31
220 KV Badod-Kota/Morak	6	75	75	0	0.86	0.00	0.86
Mundra-Mohinderghar(HVDC Bipole)	2495	2498	2506	0	60.45	0.00	60.45
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	420	419	448	0	7.45	0.00	7.45
Sub Total WR	5280	5795			133.63	12.28	121.35
Pusauli Bypass/HVDC	400	200	400	0	6.80	0.00	6.80
400 KV MZP- GKP (D/C)	96	334	476	38	7.51	0.00	7.51
400 KV Patna-Balia(D/C) X 2	303	617	655	0	12.18	0.00	12.18
400 KV B'Sharif-Balia (D/C)	68	77	237	0	2.72	0.00	2.72
765 KV Gaya-Balia	290	110	332	0	2.66	0.00	2.66
765 KV Gaya-Varanasi (D/C)	159	82	204	60	2.01	0.00	2.01
220 KV Pusauli-Sahupuri	76	177	205	0	3.51	0.00	3.51
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-40	-30	0	40	0.00	0.64	-0.64
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-137	-98	0	233	0.00	2.33	-2.33
400 KV Barh -GKP (D/C)	416	460	482	0	10.08	0.00	10.08
400 kV B'Sharif - Varanasi (D/C)	-122	-121	5	161	0.00	1.68	-1.68
Sub Total ER	1509	1808			47.47	4.64	42.82
+/- 800 KV BiswanathChariali-Agra	500	500	500	0	11.40	0.00	11.40
Sub Total NER	500	500			11.40	0.00	11.40
Total IR Exch	7289	8103			192.50	16.92	175.58

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
42.42	1.11	43.53	1.49	5.61	0.00	0.00	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
45.02	124.08	169.09	54.22	121.35	175.58	9.21	-2.72	6.48

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

Element	Peak(20:00 Hrs) MW	Off Peak(03:00 Hrs) MW	Maximum Interchange (MW)		Energy (MU)		Net Energy MU
			Import	Export	Import	Export	
132 KV Tanakpur - Mahendarnagar	-28	-33	0	34	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	0.01	1.53	19.10	71.97	72.29	6.62	2.01	0.00	0.00

<----- Frequency (Hz) ----->				Average Frequency	Frequency Variation	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum		Minimum					MAX	MIN	
Freq	Time	Freq	Time	Hz	Index	(Hz)	(Hz)		
50.18	18.03	49.70	0.10	49.96	0.064	0.070	0.00	0.00	27.71

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Volta ge Deviat
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV	
Rihand	400	416	4:01	402	15:42	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	427	4:00	397	22:09	0.0	0.0	26.1	0.0	26.1
Bareilly(PG)400kV	400	420	3:58	387	14:33	0.0	1.3	0.0	0.0	0.0
Kanpur	400	428	3:58	397	19:42	0.0	0.0	27.6	0.0	27.6
Dadri	400	424	6:00	397	15:43	0.0	0.0	13.7	0.0	13.7
Ballabgarh	400	429	4:23	398	15:43	0.0	0.0	35.7	0.0	35.7
Bawana	400	425	6:03	398	15:45	0.0	0.0	15.9	0.0	15.9
Bassi	400	428	4:00	393	15:47	0.0	0.0	22.9	0.0	22.9
Hissar	400	0	0:00	0	0:00	0.0	0.0	0.0	0.0	0.0
Moga	400	419	4:30	395	15:47	0.0	0.0	0.0	0.0	0.0
Abdullapur	400	428	6:00	404	14:25	0.0	0.0	23.7	0.0	23.7
Nalagarh	400	428	4:52	403	15:54	0.0	0.0	22.3	0.0	22.3
Kishenpur	400	418	5:01	398	19:49	0.0	0.0	0.0	0.0	0.0
Wagoora	400	416	4:17	379	19:21	1.2	19.4	0.0	0.0	1.2
Amritsar	400	430	5:07	402	15:47	0.0	0.0	20.3	0.0	20.3
Kashipur	400	420	4:22	406	14:44	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	418	3:22	400	15:55	0.0	0.0	0.0	0.0	0.0
Rishikesh	400	414	7:50	376	11:32	1.6	30.9	0.0	0.0	1.6

VIII. Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Volta ge Deviat
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV	
Fatehpur	765	783	4:16	735	19:50	0.0	4.2	0.0	0.0	0.0
Balia	765	795	4:00	744	22:08	0.0	0.0	0.0	0.0	0.0
Moga	765	797	4:30	758	15:46	0.0	0.0	0.0	0.0	0.0
Agra	765	794	0:28	746	19:51	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	804	4:18	759	15:49	0.0	0.0	5.7	0.0	5.7
Unnao	765	783	4:00	729	22:08	0.0	32.7	0.0	0.0	0.0
Lucknow	765	800	4:00	745	15:52	0.0	0.0	0.0	0.0	0.0
Meerut	765	798	4:23	754	11:24	0.0	0.0	0.0	0.0	0.0
Jhatikara	765	794	4:16	670	15:35	1.0	1.0	0.0	0.0	1.0
Bareilly 765 kV	765	793	4:00	735	15:52	0.0	8.4	0.0	0.0	0.0
Anta	765	799	2:23	752	19:45	23.8	23.8	0.0	0.0	23.8
Phagi	765	0	0:00	0	0:00	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	477.66	407.63	487.82	661.49	453.44	518.06
Pong	426.72	384.05	391.55	76.21	405.73	361.16	66.37	185.90
Tehri	829.79	740.04	742.72	9.37	753.05	70.05	147.72	203.00
Koteshwar	612.50	598.50	606.00	2.77	605.90	2.88	203.00	156.90
Chamera-I	760.00	748.75	751.69	0.00	0.00	0.00	203.08	174.93
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	504.12	3.39	522.05	10.77	265.39	131.84

* 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	-28	347	0	-229	278	0	-1.47	8.92	7.45
Delhi	432	24	0	550	61	0	13.89	2.92	16.81
Haryana	298	310	0	285	290	0	7.39	0.70	8.08
HP	-543	-365	0	-340	-796	0	-9.78	-10.53	-20.32
J&K	-529	-191	0	-602	-29	0	-15.54	-1.52	-17.06
CHD	0	0	0	0	25	0	0.35	0.58	0.93
Rajasthan	-413	290	0	-413	459	0	-9.92	7.18	-2.74
UP	1167	0	0	1249	0	0	27.34	0.00	27.34
Uttarakhand	58	167	0	58	234	0	1.39	4.33	5.73
Total	442	582	0	557	521	0	13.65	12.57	26.23

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-28	-229	457	261	0	0
Delhi	747	432	431	-86	0	0
Haryana	472	240	310	-427	0	0
HP	-340	-543	-196	-886	0	0
J&K	-529	-809	-14	-191	0	0
CHD	44	0	59	0	0	0
Rajasthan	-413	-413	492	-306	0	0
UP	1280	1024	0	0	0	0
Uttarakhand	58	58	235	120	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	22.22%

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

WR	23.26%
ER	0.00%
Simultaneous	71.18%

(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 27.05.2016 :
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 :

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.