

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पारदर्शिता की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 26.05.2016
Date of Reporting : 27.05.2016



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
41339	1010	42349	50.08	37773	228	38001	50.03	943.7	15.78

*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	58.01	9.86		67.87	79.10	79.65	0.55	147.52	0.00
Haryana	29.79	0.48		30.27	99.73	99.10	-0.63	129.37	0.00
Rajasthan	107.00	0.40	40.96	148.36	48.80	48.48	-0.32	196.84	0.00
Delhi	15.67			15.67	91.85	91.82	-0.02	107.49	0.26
UP	110.10	14.21		124.31	129.04	129.56	0.51	253.87	6.09
Uttarakhand		14.12		14.12	22.46	25.05	2.59	39.17	1.14
HP		14.21		14.21	6.51	11.25	4.74	25.46	0.11
J & K		23.46	0.00	23.46	14.16	14.77	0.62	38.24	8.18
Chandigarh				0.00	5.48	5.72	0.27	5.72	0.00
Total	320.56	76.74	40.96	438.26	497.12	505.40	8.31	943.67	15.78

* 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				Max(hourly) Demand Met of Day (MW)	Time (Hrs)	Shortage (MW)
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction			
Punjab	6606	0	-16	286	5581	0	-39	359	6631	21:00	0
Haryana	6035	0	-502	535	5191	0	56	600	6525	23:00	0
Rajasthan	8013	0	-250	-252	8051	0	153	-133	9392	24:00	0
Delhi	4590	0	-64	752	4270	0	28	582	5330	17:00	2
UP	11660	590	-65	1210	10717	0	39	1317	12152	21:00	875
Uttarakhand	1794	75	157	206	1600	0	68	172	1840	21:00	75
HP	1013	0	80	-1186	875	0	307	-1117	1199	10:00	0
J&K	1379	345	-201	-634	1290	228	-129	-786	1706	21:00	427
Chandigarh	249	0	-13	0	200	0	1	0	295	16:00	0
Total	41339	1010	-874	918	37773	228	484	995	43429	21:00	1377

\$ 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 :

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 [OG:(+ve), UG: (-ve)]	
								Demand Met	Shortage
A. NTPC									
Singrauli STPS (5*200+2*500)	2000	1865	2052	1628	43.23	1801	42.36		0.87
Rihand I STPS (2*500)	1000	230	266	235	6.01	250	5.14		0.87
Rihand II STPS (2*500)	1000	949	1045	1017	21.68	903	21.26		0.42
Rihand III STPS (2*500)	1000	949	1017	1021	21.81	909	21.66		0.15
Dadri I STPS (4*210)	840	805	405	296	7.31	305	7.51		-0.20
Dadri II STPS (2*490)	980	960	998	685	18.68	778	19.30		-0.63
Unchahar I TPS (2*210)	420	356	384	364	7.49	312	7.74		-0.24
Unchahar II TPS (2*210)	420	400	417	306	8.19	341	8.36		-0.17
Unchahar III TPS (1*210)	210	200	219	141	3.95	165	4.13		-0.18
ISTPP (Jhajjar) (3*500)	1500	1425	997	608	17.56	732	17.82		-0.25
Dadri GPS (4*130.19+2*154.51)	830	777	298	345	7.63	318	7.89		-0.26
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	134	151	3.33	139	3.48		-0.15
Dadri Solar(5)	5	1	0	0	0.02	1	0.02		0.00
Unchahar Solar(10)	10	2	0	0	0.05	2	0.04		0.00
Singrauli Solar(15)	15	3	0	0	0.01	0	0.07		-0.06
KHEP(4*200)	800	872	870	433	10.13	422	9.70		0.43
Sub Total (A)	12112	10810	9102	7230	177	7378	176		0.59
B. NPC									
NAPS (2*220)	440	396	425	443	9.41	392	9.50		-0.09
RAPS- B (2*220)	440	378	413	407	8.78	366	9.06		-0.28
RAPS- C (2*220)	440	210	210	210	5.04	210	5.04		0.00
Sub Total (B)	1320	984	1048	1060	23.24	968	23.61		-0.37
C. NHPC									
Chamera I HPS (3*180)	540	540	545	540	12.13	505	12.00		0.12
Chamera II HPS (3*100)	300	300	305	205	5.68	237	5.58		0.10
Chamera III HPS (3*77)	231	155	164	162	3.82	159	3.75		0.07
Bairasuli HPS(3*60)	180	179	183	51	2.09	87	2.03		0.06
Salal-HPS (6*115)	690	614	658	652	15.28	637	14.73		0.55
Tanakpur-HPS (3*31.4)	94	32	35	50	0.83	35	0.77		0.06
Uri-I HPS (4*120)	480	475	472	474	11.46	478	11.40		0.06
Uri-II HPS (4*60)	240	235	241	239	5.70	238	5.64		0.06
Dhauliganga-HPS (4*70)	280	210	216	143	2.74	114	2.61		0.13
Dulhasti-HPS (3*130)	390	387	408	393	9.56	398	9.29		0.27
Sewa-II HPS (3*40)	120	119	107	0	1.62	68	1.54		0.09
Parbati 3 (4*130)	520	249	132	0	1.37	57	1.31		0.06
Sub Total (C)	4065	3496	3465	2909	72	3012	71		1.62
D. SJVNL									
NJPC (6*250)	1500	1605	1631	1201	27.29	1137	27.03		0.26
Rampur HEP (6*68.67)	412	442	413	357	7.80	325	7.53		0.28
Sub Total (D)	1912	2047	2044	1558	35.10	1462	34.56		0.54
E. THDC									
Tehri HPS (4*250)	1000	266	266	251	6.32	263	6.30		0.02
Koteshwar HPS (4*100)	400	96	192	91	2.38	99	2.31		0.07
Sub Total (E)	1400	362	458	342	8.70	363	8.61		0.09
F. BBMB									
Bhakra HPS (2*108+3*126+5*157)	1379	596	1079	479	14.70	613	14.30		0.41
Dehar HPS (6*165)	990	387	660	630	9.26	386	9.30		-0.03
Pong HPS (6*66)	396	93	196	49	2.21	92	2.24		-0.03
Sub Total (F)	2765	1076	1935	1158	26.18	1091	25.83		0.34
G. IPP(s)/JV(s)									
ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	71	72	1.95	81	2.11		-0.16
KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	800	600	15.18	632	14.88		0.30
Malana Stg-II HPS (2*50)	100	0	40	40	0.91	38	0.90		0.01
Shree Cement TPS (2*150)	300	0	289	287	6.16	257	6.16		-0.01
Budhil HPS(IPP) (2*35)	70	0	39	37	0.92	38	1.65		-0.73
Sub Total (G)	1662	0	1239	1037	25.11	1046	25.71		-0.59
H. Total Regional Entities (A-G)	25237	18775	19291	15294	367.68	15320	365.46		2.22

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	3.98	166
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	120	100	2.43	101
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	463	180	7.32	305
	Goindwal(GVK) (2*270)	540	0	0	0.00	0
	Rajpura (2*700)	1400	1320	1320	31.63	1318
	Talwandi Saboo (3*660)	1980	614	308	12.65	527
	Thermal (Total)	6560	2727	2068	58.01	2417
	Total Hydro	1000	393	397	9.86	411
Total Punjab	7560	3120	2465	67.87	2828	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
	DCRTPP (Yamuna nagar) (2*300)	600	227	228	5.55	231
	Faridabad GPS (NTPC)(2*137.75+1*156)	432	170	153	4.03	168
	RGTPP (Khedar) (IPP) (2*600)	1200	378	384	9.77	407
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	545	372	10.45	435
	Thermal (Total)	4944	1320	1137	29.79	1241
	Total Hydro	62	8	23	0.48	20
	Total Haryana	5006	1328	1160	30.27	1261
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	793	803	19.09
suratgarh TPS (6*250)		1500	193	379	7.21	300
Chabra TPS (4*250)		1000	598	557	14.02	584
Dholpur GPS (3*110)		330	98	98	2.42	101
Ramgarh GPS(1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)		271	187	205	3.88	162
RAPS A (NPC) (1*100+1*200)		300	120	128	3.17	132
Barsingsar (NLC) (2*125)		250	36	0	0.02	1
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwast LTPS (IPP) (8*135)		1080	468	463	13.18	549
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(2*600)		1200	821	810	20.06	836
Kawai(Adani) (2*660)		1320	1054	863	23.97	999
Thermal (Total)		8876	4368	4306	107	4458
Total Hydro		550	0	31	0.40	17
Wind power		3214	1671	1557	37.57	1565
Biomass		99	25	25	0.60	25
Solar		730	0	0	2.79	116
Renewable/Others (Total)		4043	1696	1582	40.96	1707
Total Rajasthan		13469	6064	5919	148.36	6182
UP		Anpara TPS (3*210+2*500)	1630	1391	1418	33.66
	Obra TPS (2*50+2*94+5*200)	1194	435	337	8.38	349
	Paricha TPS (2*110+2*220+2*250)	1160	860	671	18.11	755
	Panki TPS (2*105)	210	0	0	0.00	0
	Harduaqanj TPS (1*60+1*105+2*250)	665	314	230	5.72	238
	Tanda TPS (NTPC) (4*110)	440	387	380	8.74	364
	Roza TPS (IPP) (4*300)	1200	276	279	5.85	244
	Anpara-C (IPP) (2*600)	1200	1089	594	21.34	889
	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	226	236	5.91	246
	Thermal (Total)	12449	4978	4145	108	4488
	Vishnuparyag HPS (IPP)(4*110)	440	435	435	9.83	409
	Alaknanda(4*82.5)	330	84	168	2.91	121
	Other Hydro	527	60	10	1.48	62
	Cogeneration	981	100	100	2.40	100
Total UP	14727	5657	4858	124	5180	
Uttarakhand	Total Hydro	1398	592	537	14.12	588
	Total Uttarakhand	1398	592	537	14.12	588
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	90	103	2.38	99
	Pragati Gas Turbine (2x104+ 1x122)	330	275	264	6.19	258
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	-4	-4	0.00	0
	Badarpur TPS (NTPC) (3*95+2*210)	705	325	325	7.11	296
	Thermal (Total)	2917	686	688	15.67	653
	Total Delhi	2917	686	688	15.67	653
HP	Baspa HPS (IPP) (3*100)	300	206	124	5.39	225
	Malana HPS (IPP) (2*43)	86	26	26	0.80	33
	Other Hydro	878	335	349	8.02	334
	Total HP	1264	567	499	14.21	592
J & K	Baglihar HPS (IPP) (3*150+2*150)	750	730	880	19.92	830
	Other Hydro/IPP	560	150	148	3.54	148
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	1500	880	1028	23.46	978
Total State Control Area Generation		47841	18894	17154	438.26	18261
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			6009	5237	148.60	6192
Total Regional Availability(Gross)		73078	44193	37685	954.54	39772

IV. Total Hydro Generation:

Regional Entities Hydro	12234	9683	7113	170.41	7101
State Control Area Hydro	6881	3019	3128	77	3198
Total Regional Hydro	19115	12702	10241	247.16	10298

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

Element	Peak(20:00 Hrs)	Off Peak(03:00 Hrs)	Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	Import	Export	Import	Export	
Vindhychal(HVDC B/B)	-100	-100	250	100	0.74	2.18	-1.44
765 KV Gwalior-Agra (D/C)	3008	2448	3281	0	59.84	0.00	59.84
400 KV Zerda-Kankroli	-27	-152	0	266	0.00	3.41	-3.41
400 KV Zerda-Bhinmal	-72	-162	42	269	0.00	3.06	-3.06
220 KV Auraiya-Malanpur	17	43	0	30	0.00	0.35	-0.35
220 KV Badod-Kota/Morak	-57	-28	63	81	0.59	0.00	0.59
Mundra-Mohindergarh(HVDC Bipole)	2103	1499	2505	0	43.41	0.00	43.41
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00
765 kV Phagi-Gwalior (D/C)	384	489	549	278	9.77	0.00	9.77
Sub Total WR	5256	4037			114.34	9.00	105.34
Pusauli Bypass/HVDC	-200	-200	200	0	4.87	0.00	4.87
400 KV MZP- GKP (D/C)	388	268	772	0	6.78	0.00	6.78
400 KV Patna-Balia(D/C) X 2	382	603	603	0	12.28	0.00	12.28
400 KV B'Sharif-Balia (D/C)	22	98	176	0	2.14	0.00	2.14
765 KV Gaya-Balia	158	188	256	0	2.18	0.00	2.18
765 KV Gaya-Varanasi (D/C)	91	138	241	30	3.23	0.00	3.23
220 KV Pusauli-Sahupuri	-176	-185	207	0	3.18	0.00	3.18
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-30	-16	0	40	0.00	0.60	-0.60
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-142	-117	12	149	0.00	1.81	-1.81
400 KV Barh -GKP (D/C)	382	544	572	0	9.06	0.00	9.06
400 kV B'Sharif - Varanasi (D/C)	-122	-121	6	190	0.00	1.18	-1.18
Sub Total ER	753	1200			43.72	3.59	40.13
+/- 800 KV BiswanathCharialli-Agra	0	0	486	0	3.13	0.00	3.13
Sub Total NER	0	0			3.13	0.00	3.13
Total IR Exch	6009	5237			161.19	12.59	148.60

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
39.00	1.10	40.11	1.69	6.51	0.00	-0.21	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
41.79	109.25	151.04	43.26	105.34	148.60	1.47	-3.91	-2.45

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

Element	Peak(20:00 Hrs)	Off Peak(03:00 Hrs)	Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	Import	Export	Import	Export	
132 KV Tanakpur - Mahendarnagar	-30	-30	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	0.64	3.73	21.91	63.13	65.36	11.76	1.02	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)		
50.15	13.02	49.56	22.12	49.96	0.082	0.00	0.00	34.64	

VII. 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	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	13.8
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)				Voltage 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

Note : '0' in Max / Min Col -> Telemetry Outage

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	477.73	407.63	487.82	661.49	505.00	499.14
Pong	426.72	384.05	391.66	76.21	405.73	361.16	84.27	187.66
Tehri	829.79	740.04	742.55	12.01	753.30	70.05	143.55	241.00
Koteswar	612.50	598.50	605.32	2.46	606.35	2.88	241.00	156.73
Chamera-I	760.00	748.75	751.37	0.00	0.00	0.00	153.02	332.46
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	2.87	522.17	10.60	273.62	123.69

* 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	386	0	44	242	0	0.59	8.39	8.98
Delhi	506	75	0	574	178	0	14.39	3.43	17.82
Haryana	288	312	0	247	288	0	6.90	2.34	9.24
HP	-659	-458	0	-633	-553	0	-12.93	-11.94	-24.87
J&K	-685	-101	0	-619	-15	0	-15.71	-1.47	-17.18
CHD	0	0	0	0	0	0	0.35	0.00	0.35
Rajasthan	-413	281	0	-413	161	0	-9.92	8.55	-1.37
UP	1317	0	0	1210	0	0	27.84	0.00	27.84
Uttarakhand	131	41	0	131	75	0	3.15	1.81	4.96
Total	458	537	0	541	377	0	14.66	11.11	25.77

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	270	-229	404	221	0	0
Delhi	787	457	461	-212	0	0
Haryana	437	180	312	-256	0	0
HP	-353	-659	-416	-569	0	0
J&K	-529	-725	-15	-101	0	0
CHD	44	0	0	0	0	0
Rajasthan	-413	-413	513	27	0	0
UP	1369	973	0	0	0	0
Uttarakhand	131	131	122	11	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	6.94%
ER	0.00%
Simultaneous	11.81%

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

WR	17.01%
ER	0.00%
Simultaneous	41.32%

(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 26.05.2016 :

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.