

पॉवर सिस्टम ऑपरेशन कापरिशन लिमिटेड
(पॉवरट्रिब्यूनल की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)
उत्तरी क्षेत्रीय भार प्रेषण केंद्र
CIN: U40105DL2009GO188682
Power Supply Position in Northern Region for 20.05.2016
Date of Reporting : 21.05.2016



I. Regional Availability/Demand:

Demand Met	Evening Peak (20:00 Hrs) MW			Demand Met	Off Peak (03:00 Hrs) MW			Day Energy (Net MU)	
	Shortage	Requirement	Freq* (Hz)		Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
45418	1190	46609	50.08	48101	439	48540	50.03	1117.8	13.22

* Half hourly (over 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	80.98	11.51		92.49	82.05	81.92	-0.13	174.41	0.00
Haryana	49.77	0.71		50.48	112.46	109.42	-3.03	159.90	0.76
Rajasthan	129.83	0.00	24.83	154.65	60.00	63.49	3.49	218.15	0.00
Delhi	20.87			20.87	104.92	105.34	0.43	126.21	0.00
UP	160.94	16.00		176.94	151.27	151.68	0.41	328.62	2.96
Uttarakhand		19.46		19.46	21.93	21.84	-0.09	41.30	0.16
HP		18.55		18.55	7.42	5.97	-1.45	24.52	0.31
J & K		23.03	0.00	23.03	15.02	15.18	0.16	38.20	9.02
Chandigarh				0.00	6.43	6.43	0.27	6.43	0.00
Total	442.38	89.26	24.83	556.47	561.50	561.29	0.05	1117.76	13.22

* 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)
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction	
Punjab	6748	0	3	366	7069	0	-54	293	7707
Haryana	7009	27	-215	604	7328	0	-75	692	7759
Rajasthan	7993	0	119	28	9611	0	243	65	9921
Delhi	5225	0	-42	556	5291	0	207	613	6119
UP	13907	600	379	1246	14525	200	-96	1556	14702
Uttarakhand	1832	75	-49	377	1702	0	21	122	1849
HP	693	25	-250	-1140	959	0	24	-1075	1248
J&K	1853	463	189	-850	1353	239	-69	-662	1882
Chandigarh	159	0	-108	0	264	0	36	34	361
Total	45418	1190	25	1388	48101	439	238	1638	49297

* STOA figures are at system boundary & PX figures are at regional boundary. # figures may not be at simultaneous hour.

III. Regional Entities

Station/Constituent	Inst. Capacity (Effective) MW	Declared Capacity(MW)	Peak MW (Gross)	Off Peak MW	Energy (Net MU)	Average Sentout(MW)	Schedule Net MU	UI Net MU
A. NTPC								
Singrauli STPS (5*200+2*500)	2000	1820	2002	1962	43.85	1827	42.99	0.86
Rihand I STPS (2*500)	1000	402	380	400	9.21	384	9.20	0.01
Rihand II STPS (2*500)	1000	952	855	970	20.88	870	21.41	-0.53
Rihand III STPS (2*500)	1000	952	1033	948	21.06	877	21.74	-0.69
Dadri I STPS (4*210)	840	805	572	498	11.91	496	12.52	-0.61
Dadri II STPS (2*490)	980	965	875	823	18.89	787	20.37	-1.48
Unchahar I TPS (2*210)	420	350	291	333	7.08	295	7.39	-0.32
Unchahar II TPS (2*210)	420	400	309	343	7.53	314	8.02	-0.49
Unchahar III TPS (1*210)	210	200	153	168	3.65	152	4.02	-0.38
ISTPP (Jhajjar) (3*500)	1500	950	937	845	18.56	774	19.00	-0.44
Dadri GPS (4*130.19+2*154.51)	830	777	182	147	3.96	165	4.10	-0.14
Anta GPS (3*88.71+1*153.2)	419	392	0	0	0.00	0	0.00	0.00
Auraya GPS (4*111.19+2*109.30)	663	620	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	2	0	0	0.04	2	0.04	0.00
Singrauli Solar(15)	15	3	0	0	0.13	5	0.07	0.06
KHEP(4*200)	800	872	872	0	14.68	612	14.50	0.18
Sub Total (A)	12112	10462	8461	7437	181	7560	185	-4
B. NPC								
NAPS (2*220)	440	363	383	404	8.59	358	8.71	-0.12
RAPS- B (2*220)	440	241	366	200	5.35	223	5.78	-0.43
RAPS- C (2*220)	440	9	125	0	0.90	37	0.21	0.69
Sub Total (B)	1320	613	874	604	14.84	618	14.70	0.14
C. NHPC								
Chamera I HPS (3*180)	540	536	540	358	10.06	419	9.97	0.09
Chamera II HPS (3*100)	300	300	304	304	7.25	302	7.20	0.05
Chamera III HPS (3*77)	231	211	220	221	5.24	218	5.06	0.18
Bairasuli HPS(3*60)	180	179	184	123	2.67	111	2.59	0.08
Salal-HPS (6*115)	690	578	667	591	14.23	593	13.80	0.43
Tanakpur-HPS (3*31.4)	94	47	53	42	1.15	48	1.11	0.04
Uri-I HPS (4*120)	480	475	474	476	11.49	479	11.40	0.09
Uri-II HPS (4*80)	240	237	241	239	5.69	237	5.69	0.00
Dhauliganga-HPS (4*70)	280	276	281	138	4.73	197	4.59	0.14
Duihasti-HPS (3*130)	390	387	389	404	9.44	393	9.29	0.15
Sewa-II HPS (3*40)	120	119	127	0	1.05	44	1.00	0.05
Parbati 3 (4*130)	520	260	261	0	3.15	131	3.15	0.00
Sub Total (C)	4065	3606	3742	2896	76	3173	75	1
D. SJVNL								
NJPC (6*250)	1500	1605	1616	1621	38.52	1605	38.52	0.00
Rampur HEP (6*68.67)	412	442	449	449	10.69	445	10.61	0.08
Sub Total (D)	1912	2047	2065	2070	49.21	2050	49.13	0.08
E. THDC								
Tehri HPS (4*250)	1000	264	263	255	5.33	222	5.44	-0.11
Koteshwar HPS (4*100)	400	113	192	99	2.70	112	2.72	-0.02
Sub Total (E)	1400	377	455	354	8.03	334	8.16	-0.13
F. BBMB								
Bhakra HPS (2*108+3*126+5*157)	1379	656	1034	449	16.09	670	15.75	0.34
Dehar HPS (6*165)	990	543	660	600	13.09	545	13.04	0.05
Pong HPS (6*66)	396	110	196	50	2.58	108	2.64	-0.06
Sub Total (F)	2765	1309	1890	1099	31.75	1323	31.42	0.33
G. IPP(s)/JV(s)								
ALLAIN DUHANGAN HPS(IPP) (2*1000)	2000	0	165	198	3.97	165	3.85	0.12
KARCHAM WANGTOO HPS(IPP) (2*1000)	2000	0	1100	1100	25.56	1065	26.14	-0.58
Malana Stg-II HPS (2*50)	100	0	84	74	1.62	67	1.62	0.00
Shree Cement TPS (2*150)	300	0	285	285	6.42	268	6.51	-0.09
Budhil HPS(IPP) (2*35)	70	0	69	69	1.08	45	1.04	0.04
Sub Total (G)	1662	0	1703	1727	38.65	1610	39.16	-0.51
H. Total Regional Entities (A-G)	25237	18415	19190	16186	400.08	16670	402.82	-2.74

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	840	770	15.98	666
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	108	95	2.23	93
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	914	790	19.16	798
	Goindwal(GVK) (2*270)	540	0	0	-0.05	-2
	Rajpura (2*700)	1400	920	1320	30.45	1269
	Talwandi Saboo (3*660)	1980	400	614	13.21	550
	Thermal (Total)	6560	3182	3589	80.98	3374
	Total Hydro	1000	450	488	11.51	480
	Total Punjab	7560	3632	4077	92.49	3854
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	0	0	0.00	0
Faridabad GPS (NTPC)(2*137.75+1*156)		432	171	160	3.94	164
RGTPP (kheadar) (IPP) (2*600)		1200	763	1144	21.54	897
Maqum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	1146	1110	24.30	1012
Thermal (Total)		4944	2080	2414	49.77	2074
Total Hydro		62	32	33	0.71	30
Total Haryana		5006	2112	2447	50.48	2103
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	784	794	18.84
	suratgarh TPS (6*250)	1500	1033	812	21.40	892
	Chabra TPS (4*250)	1000	435	657	13.16	548
	Dholpur GPS (3*110)	330	104	103	2.45	102
	Ramgarh GPS(1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	179	182	4.38	182
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingar (NLC) (2*125)	250	0	68	0.50	21
	Giral LTSP (2*125)	250	0	0	0.00	0
	Rajwst LTSP (IPP) (8*135)	1080	675	825	17.95	748
	VS LIGNITE LTSP (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	815	1009	22.47	936
	Kawai(Adani) (2*660)	1320	1055	1174	28.67	1195
	Thermal (Total)	8876	5080	5624	130	5409
	Total Hydro	550	0	0	0.00	0
	Wind power	3214	290	1358	21.02	876
	Biomass	99	28	28	0.68	28
	Solar	730	1	0	3.13	130
	Renewable/Others (Total)	4043	319	1386	24.83	1035
	Total Rajasthan	13469	5399	7010	154.65	6444
	UP	Anpara TPS (3*210+2*500)	1630	1394	1382	33.20
Obra TPS (2*50+2*94+5*200)		1194	595	552	14.20	592
Paricha TPS (2*110+2*220+2*250)		1160	380	730	12.70	529
Panki TPS (2*105)		210	122	131	3.10	129
Harduaganj TPS (1*60+1*105+2*250)		665	538	541	13.00	542
Tanda TPS (NTPC) (4*110)		440	385	390	9.24	385
Roza TPS (IPP) (4*300)		1200	1080	1085	25.10	1046
Anpara-C (IPP) (2*600)		1200	1044	1040	24.90	1038
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	403	405	8.80	367
Anpara-D(2*500)		1000	314	526	10.70	446
Lalitpur TPS(3*660)		1980	0	500	3.60	150
Bara(2*660)		1320	0	0	0.00	0
Thermal (Total)		12449	6255	7282	159	6606
Vishnuparyag HPS (IPP)(4*110)		440	435	435	10.50	438
Alaknanada(4*82.5)		330	173	168	3.80	158
Other Hydro		527	62	25	1.70	71
Cogeneration		981	100	100	2.40	100
Total UP	14727	7025	8010	177	7373	
Uttarakhand	Total Hydro	1398	809	774	19.46	811
	Total Uttarakhand	1398	809	774	19.46	811
Delhi	Rajghat TPS (2*67.5)	135	0	0	-0.01	-1
	Delhi Gas Turbine (6x30 + 3x34)	282	173	174	4.13	172
	Praagati Gas Turbine (2x104+ 1x122)	330	296	288	6.99	291
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	254	254	6.08	253
	Badarpur TPS (NTPC) (3*95+2*210)	705	180	161	3.68	153
	Thermal (Total)	2917	903	877	20.87	869
	Total Delhi	2917	903	877	20.87	869
HP	Baspa HPS (IPP) (3*100)	300	303	333	7.45	310
	Malana HPS (IPP) (2*43)	86	49	74	1.50	62
	Other Hydro	878	417	416	9.61	400
	Total HP	1264	769	823	18.55	773
J & K	Baqilhar HPS (IPP) (3*150+2*150)	750	883	883	21.19	883
	Other Hydro/IPP	560	94	66	1.84	77
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	1500	977	949	23.03	960
Total State Control Area Generation		47841	21626	24967	556.47	23186
J. Net Inter Regional Exchange (Import (+ve)/Export (-ve))			7204	8400	184.44	7685
Total Regional Availability(Gross)		73078	48020	49553	1140.99	47541

IV. Total Hydro Generation:

Regional Entities Hydro	12234	10373	7791	210.96	8790
State Control Area Hydro	6881	3707	3695	89	3719
Total Regional Hydro	19115	14080	11486	300.22	12509

(VA). 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	Import	Export	
Vindhychal(HVDC B/B)	250	250	250	100	4.28	0.24	4.04		
765 KV Gwalior-Agra (D/C)	2419	2906	3040	0	59.07	0.00	59.07		
400 KV Zerda-Kankroli	-102	-98	38	313	0.00	2.46	-2.46		
400 KV Zerda-Bhinmal	-78	-91	134	205	0.00	1.33	-1.33		
220 KV Auraya-Malanpur	-6	48	0	158	0.00	0.13	-0.13		
220 KV Badod-Kota/Morak	77	77	102	27	1.92	0.00	1.92		
Mundra-Mohinderghar(HVDC Bipole)	2502	2498	2509	0	58.30	0.00	58.30		
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00		
765 kV Phagi-Gwalior (D/C)	670	697	786	466	14.83	0.00	14.83		
Sub Total WR	5732	6287			138.40	4.15	134.25		

Pusauli Bypass/HVDC	200	200	200	0	4.79	0.00	4.79
400 KV MZP- GKP (D/C)	14	238	324	0	5.56	0.00	5.56
400 KV Patna-Balia(D/C) X 2	217	410	597	0	9.92	0.00	9.92
400 KV B' Sharif-Balia (D/C)	23	99	181	0	2.61	0.00	2.61
765 KV Gaya-Balia	142	194	221	0	2.11	0.00	2.11
765 KV Gaya-Varanasi (D/C)	-32	-60	152	0	2.29	0.00	2.29
220 KV Pusauli-Sahupuri	140	189	198	0	3.66	0.00	3.66
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-18	-22	0	30	0.00	0.50	-0.50
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-188	-160	0	188	0.00	2.37	-2.37
400 KV Barh -GKP (D/C)	296	346	458	0	7.74	0.00	7.74
400 kV B' Sharif - Varanasi (D/C)	-122	-121	16	104	0.00	1.03	-1.03
Sub Total ER	672	1313			38.68	3.91	34.77
+/- 800 KV BiswanathChariali-Agra	800	800	800	0	15.42	0.00	15.42
Sub Total NER	800	800			15.42	0.00	15.42
Total IR Exch	7204	8400			192.50	8.06	184.44

V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]								
ISGS/LT Schedule (MU)			Bilateral Schedule (MU)		Power Exchange Shd (MU)		Wheeling (MU)	
ER	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR
42.67	1.55	44.22	4.67	8.93	0.00	-0.08	0.00	0.00

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Incids Mndra	Total	Through ER (including NER)	Through WR	Total	Through ER (including NER)	Through WR	Total
48.90	132.76	181.65	50.19	134.25	184.44	1.29	1.49	2.79

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	
	MW	MW	Import	Export	Import	Export	MU	
132 KV Tanakpur - Mahendarnagar	-31	-24	0	32	0	1	-0.68	

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	0.22	4.25	35.23	70.87	18.73	6.01	0.28	0.00

Frequency (Hz)				Average Frequency	Frequency Variation	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum		Minimum		Hz	Index	0.062	MAX	MIN	29.13
Freq	Time	Freq	Time				(Hz)	(Hz)	
50.24	17.03	49.78	12.44	50.01	0.041	0.00	0.00		

VII. Voltage profile 400 kV									
Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV
Rihand	400	409	6:47	402	12:24	0.0	0.0	0.0	0.0
Gorakhpur	400	420	6:58	402	20:14	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	409	18:31	391	16:31	0.0	0.0	0.0	0.0
Kanpur	400	410	7:00	395	16:31	0.0	0.0	0.0	0.0
Dadri	400	414	5:30	393	23:13	0.4	0.4	0.0	0.0
Ballabgarh	400	417	5:30	395	22:33	0.0	0.0	0.0	0.0
Bawana	400	413	5:39	395	23:12	0.0	0.0	0.0	0.0
Bassi	400	417	18:30	395	22:33	0.0	0.0	0.0	0.0
Hissar	400	408	4:03	391	23:10	0.0	0.0	0.0	0.0
Moga	400	405	4:07	391	23:10	0.0	0.0	0.0	0.0
Abdullapur	400	414	4:05	397	23:08	0.0	0.0	0.0	0.0
Nalagarh	400	418	4:05	399	16:20	0.0	0.0	0.0	0.0
Kishenpur	400	407	4:02	395	21:15	0.0	0.0	0.0	0.0
Wagoora	400	402	4:02	381	20:51	0.0	31.4	0.0	0.0
Amritsar	400	411	4:03	396	16:22	0.0	0.0	0.0	0.0
Kashipur	400	416	5:59	406	15:35	0.0	0.0	0.0	0.0
Hamirpur	400	403	0:00	397	9:09	0.0	0.0	0.0	0.0
Rishikesh	400	400	5:56	370	15:37	7.7	75.8	0.0	0.0

VIII. Voltage profile 765 kV									
Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV
Fatehpur	765	768	18:30	739	0:07	0.0	2.6	0.0	0.0
Balia	765	785	7:01	756	15:40	0.0	0.0	0.0	0.0
Moga	765	773	4:05	746	23:10	0.0	0.0	0.0	0.0
Agra	765	782	18:31	750	0:08	0.0	0.0	0.0	0.0
Bhiwani	765	778	4:02	755	22:33	0.0	0.0	0.0	0.0
Unnao	765	766	18:42	728	15:37	0.0	46.7	0.0	0.0
Lucknow	765	780	7:03	749	15:39	0.0	0.0	0.0	0.0
Meerut	765	784	5:20	753	15:16	0.0	0.0	0.0	0.0
Jhatikara	765	782	5:31	746	22:28	0.0	0.0	0.0	0.0
Bareilly 765 kV	765	774	18:32	741	16:31	0.0	0.0	0.0	0.0
Arta	765	776	18:30	755	22:24	0.0	0.0	0.0	0.0
Phagi	765	780	18:20	750	0:11	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	475.99	374.70	487.08	644.48	789.70	616.32
Pong	426.72	384.05	391.93	80.40	405.46	352.07	53.01	217.78
Tehri	829.79	740.04	742.30	11.00	753.75	76.94	235.96	244.00
Koteshwar	612.50	598.50	605.05	2.37	609.55	4.44	244.00	177.77
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	290.83	276.76
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	502.69	3.18	522.92	9.67	178.86	144.08

* 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	46	247	0	-29	396	0	1.45	7.28	8.73
Delhi	431	182	0	548	8	0	13.07	4.53	17.60
Haryana	363	329	0	299	305	0	8.40	3.94	12.34
HP	-610	-465	0	-584	-555	0	-12.51	-11.92	-24.43
J&K	-648	-14	0	-621	-29	0	-15.19	-0.37	-15.56
CHD	0	34	0	0	0	0	0.35	0.48	0.83
Rajasthan	-415	480	0	-415	443	0	-9.95	12.70	2.75
UP	1556	0	0	1246	0	0	30.33	0.27	30.60
Uttarakhand	58	64	0	204	174	0	3.26	2.02	5.27
Total	781	856	0	647	741	0	19.20	18.93	38.14

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	184	-127	533	144	0	0
Delhi	681	431	662	-118	0	0
Haryana	495	299	347	-430	0	0
HP	-380	-712	-339	-607	0	0
J&K	-547	-722	85	-29	0	0
CHD	44	0	79	0	0	0
Rajasthan	-415	-415	762	134	0	0
UP	1561	1113	248	0	0	0
Uttarakhand	204	58	191	25	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	13.54%

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

WR	4.86%
ER	0.00%
Simultaneous	48.96%

(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 20.05.2016 :
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.