

पॉवर सिस्टम ऑपरेशन कापरिशन लिमिटेड
(पब्लिक लिमिटेड कंपनी)
उत्तरी क्षेत्रीय भार प्रेषण केंद्र
CIN: U40105DL2009GOI188682
Power Supply Position in Northern Region for 21.05.2016
Date of Reporting : 22.05.2016



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
45867	1147	47013	50.08	45115	459	45574	50.03	1084.7	9.88

*Half hourly then 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	82.96	10.58		93.54	84.69	84.70	0.00	178.23	0.00
Haryana	45.09	0.71		45.80	114.69	113.40	-1.28	159.20	0.00
Rajasthan	118.57	0.00	35.36	153.93	55.52	56.69	1.17	210.61	0.00
Delhi	22.36			22.36	99.11	98.15	-0.97	120.51	0.00
UP	139.85	16.30		156.15	148.41	147.56	-0.85	303.71	0.00
Uttarakhand		19.81		19.81	19.87	20.62	0.75	40.43	0.29
HP		18.66		18.66	7.51	6.41	-1.10	25.08	0.00
J & K		24.74	0.00	24.74	16.60	15.82	-0.79	40.55	9.59
Chandigarh				0.00	6.17	6.40	0.27	6.40	0.00
Total	408.82	90.80	35.36	534.98	552.58	549.75	-2.79	1084.73	9.88

* 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	7223	0	-131	9	6925	0	6	228	7673
Haryana	7289	0	-173	596	7215	0	108	686	7887
Rajasthan	7970	0	139	-89	9267	0	40	6	9729
Delhi	4939	0	-213	574	5372	0	136	614	5771
UP	13419	600	178	1560	12147	200	-910	1824	14001
Uttarakhand	1862	75	58	348	1607	0	47	204	1875
HP	1007	0	-100	-1055	866	0	-142	-1050	1200
J&K	1887	472	97	-850	1467	259	-102	-677	1946
Chandigarh	270	0	0	39	248	0	36	0	325
Total	45867	1147	-145	1333	45115	459	-781	1835	48738

* STOA figures are at all states 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	1664	1967	1907	38.24	1593	37.86	0.38
Rihand I STPS (2*500)	1000	464	713	666	9.81	409	9.67	0.13
Rihand II STPS (2*500)	1000	952	963	678	19.13	797	19.39	-0.27
Rihand III STPS (2*500)	1000	952	1011	719	19.20	800	20.23	-1.03
Dadri I STPS (4*210)	840	805	446	404	10.37	432	10.83	-0.46
Dadri II STPS (2*490)	980	965	745	580	16.47	686	17.31	-0.84
Unchahar I TPS (2*210)	420	350	329	285	6.35	265	6.66	-0.31
Unchahar II TPS (2*210)	420	400	354	294	6.40	267	7.09	-0.69
Unchahar III TPS (1*210)	210	200	164	136	3.11	130	3.45	-0.34
ISTPP (Jhajjar) (3*500)	1500	1174	1132	807	18.83	785	19.37	-0.55
Dadri GPS (4*130.19+2*154.51)	830	778	305	152	4.38	182	4.48	-0.11
Anta GPS (3*88.71+1*153.2)	419	392	0	0	0.00	0	0.02	-0.02
Auraya GPS (4*111.19+2*109.30)	663	620	0	0	0.00	0	0.02	-0.02
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	0.00	0	0.06	-0.06
KHEP(4*200)	800	872	601	870	15.92	663	16.00	-0.08
Sub Total (A)	12112	10593	8730	7498	168	7011	173	-4
B. NPC								
NAPS (2*220)	440	363	395	419	8.89	371	8.71	0.18
RAPS- B (2*220)	440	359	412	410	8.93	372	8.61	0.33
RAPS- C (2*220)	440	145	172	144	3.00	125	3.48	-0.48
Sub Total (B)	1320	867	979	973	20.83	868	20.80	0.03
C. NHPC								
Chamera I HPS (3*180)	540	536	551	538	10.06	419	10.00	0.06
Chamera II HPS (3*100)	300	300	309	301	7.26	303	7.20	0.06
Chamera III HPS (3*77)	231	211	222	220	5.23	218	5.07	0.16
Bairasuli HPS(3*60)	180	179	184	124	2.67	111	2.63	0.04
Salal-HPS (6*115)	690	622	664	651	15.40	642	14.94	0.46
Tanakpur-HPS (3*31.4)	94	48	60	34	1.21	50	1.14	0.06
Uri-I HPS (4*120)	480	475	475	474	11.43	476	11.40	0.03
Uri-II HPS (4*80)	240	235	238	240	5.69	237	5.64	0.04
Dhauliganga-HPS (4*70)	280	280	283	279	5.07	211	5.06	0.01
Duihasti-HPS (3*130)	390	387	390	396	9.46	394	9.29	0.17
Sewa-II HPS (3*40)	120	119	128	0	1.05	44	1.00	0.05
Parbati 3 (4*130)	520	260	263	0	3.34	139	3.34	0.00
Sub Total (C)	4065	3654	3766	3256	78	3244	77	1
D. SJVNL								
NJPC (6*250)	1500	1605	1626	1600	38.50	1604	38.52	-0.02
Rampur HEP (6*68.67)	412	442	448	447	10.75	448	10.61	0.14
Sub Total (D)	1912	2047	2074	2047	49.24	2052	49.13	0.12
E. THDC								
Tehri HPS (4*250)	1000	264	264	255	5.98	249	6.00	-0.02
Koteswar HPS (4*100)	400	125	191	96	2.98	124	3.00	-0.02
Sub Total (E)	1400	389	455	351	8.95	373	9.00	-0.04
F. BBMB								
Bhakra HPS (2*108+3*126+5*157)	1379	623	1037	449	15.33	639	14.95	0.39
Dehar HPS (6*165)	990	625	660	620	15.08	628	15.00	0.08
Pong HPS (6*66)	396	87	196	49	2.08	87	2.09	-0.01
Sub Total (F)	2765	1335	1893	1118	32.50	1354	32.04	0.46
G. IPP(s)/JV(s)								
ALLAIN DUHANGAN HPS(IPP) (2*1000)	192	0	217	140	4.00	167	3.08	0.92
KARCHAM WANGTOO HPS(IPP) (2*1000)	1000	0	1089	1089	26.10	1087	26.14	-0.04
Malana Stg-II HPS (2*50)	100	0	101	80	1.84	77	1.73	0.11
Shree Cement TPS (2*150)	300	0	281	282	6.32	263	6.43	-0.12
Budhil HPS(IPP) (2*35)	70	0	70	70	1.66	69	1.66	0.00
Sub Total (G)	1662	0	1758	1661	39.91	1663	39.04	0.87
H. Total Regional Entities (A-G)	25237	18885	19655	16904	397.56	16565	399.22	-1.66

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	690	16.71	696
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	105	114	2.43	101
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	940	814	18.76	782
	Goindwal(GVK) (2*270)	540	0	0	-0.05	-2
	Rajpura (2*700)	1400	614	413	31.48	1312
	Talwandi Saboo (3*660)	1980	1320	1320	13.63	568
	Thermal (Total)	6560	3819	3351	82.96	3456
	Total Hydro	1000	420	421	10.58	441
	Total Punjab	7560	4239	3772	93.54	3897
	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	182	181	4.13	172
RGTPP (khedar) (IPP) (2*600)		1200	759	771	19.49	812
Maqum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	1088	1110	21.47	895
Thermal (Total)		4944	2029	2062	45.09	1879
Total Hydro		62	36	25	0.71	29
Total Haryana		5006	2065	2087	45.80	1908
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	777	772	18.69
	suratgarh TPS (6*250)	1500	795	962	21.24	885
	Chabra TPS (4*250)	1000	568	584	13.78	574
	Dholpur GPS (3*110)	330	102	103	2.42	101
	Ramgarh GPS(1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	185	179	4.64	193
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingsar (NLC) (2*125)	250	0	0	0.00	0
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwst LTPS (IPP) (8*135)	1080	464	583	12.39	516
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	818	810	19.83	826
	Kawai(Adani) (2*660)	1320	900	1002	25.57	1066
	Thermal (Total)	8876	4609	4995	119	4940
	Total Hydro	550	0	0	0.00	0
	Wind power	3214	1022	1612	34.74	1448
	Biomass	99	26	26	0.62	26
	Solar	730	0	0	0.00	0
	Renewable/Others (Total)	4043	1048	1638	35.36	1473
	Total Rajasthan	13469	5657	6633	153.93	6414
	UP	Anpara TPS (3*210+2*500)	1630	950	1388	30.20
Obra TPS (2*50+2*94+5*200)		1194	596	568	13.30	554
Paricha TPS (2*110+2*220+2*250)		1160	669	389	12.30	513
Panki TPS (2*105)		210	54	126	1.90	79
Harduaganj TPS (1*60+1*105+2*250)		665	534	526	11.60	483
Tanda TPS (NTPC) (4*110)		440	395	340	8.45	352
Roza TPS (IPP) (4*300)		1200	1085	963	22.90	954
Anpara-C (IPP) (2*600)		1200	1027	869	21.70	904
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	283	244	7.30	304
Anpara-D(2*500)		1000	415	314	7.80	325
Lalitpur TPS(3*660)		1980	0	0	0.00	0
Bara(2*660)		1320	0	0	0.00	0
Thermal (Total)		12449	6008	5727	137	5727
Vishnuparyag HPS (IPP)(4*110)		440	435	435	10.50	438
Alaknanda(4*82.5)		330	172	232	4.60	192
Other Hydro		527	48	30	1.20	50
Cogeneration		981	100	100	2.40	100
Total UP		14727	6763	6524	156	6506
Uttarakhand	Total Hydro	1398	792	798	19.81	825
	Total Uttarakhand	1398	792	798	19.81	825
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	141	135	3.29	137
	Praagati Gas Turbine (2x104+ 1x122)	330	261	297	7.02	292
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	253	253	6.09	254
	Badarpur TPS (NTPC) (3*95+2*210)	705	319	159	5.98	249
	Thermal (Total)	2917	975	844	22.36	932
	Total Delhi	2917	975	844	22.36	932
HP	Baspa HPS (IPP) (3*100)	300	304	304	7.37	307
	Malana HPS (IPP) (2*43)	86	51	63	1.49	62
	Other Hydro	878	398	409	9.81	409
	Total HP	1264	753	776	18.66	778
J & K	Baqilhar HPS (IPP) (3*150+2*150)	750	883	883	21.19	883
	Other Hydro/IPP	560	150	148	3.54	148
	Gas/Diesel/Others	190	0	0	0.00	0
	Total J & K	1500	1033	1031	24.74	1031
Total State Control Area Generation		47841	22277	22465	534.98	22291
J. Net Inter Regional Exchange (Import (+ve)/Export (-ve))			7511	7847	179.74	7489
Total Regional Availability(Gross)		73078	49442	47216	1112.28	46345

IV. Total Hydro Generation:

Regional Entities Hydro	12234	10195	8951	216.41	9017
State Control Area Hydro	6881	3689	3748	91	3783
Total Regional Hydro	19115	13884	12699	307.21	12800

(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)	100	100	100	100	0.87	0.89	-0.03		
765 KV Gwalior-Agra (D/C)	2419	2906	3040	0	59.07	0.00	59.07		
400 KV Zerda-Kankroli	13	-106	13	156	0.00	2.03	-2.03		
400 KV Zerda-Bhinmal	25	-84	61	128	0.00	1.20	-1.20		
220 KV Auraiya-Malanpur	-37	-23	0	142	0.00	1.72	-1.72		
220 KV Badod-Kota/Morak	71	89	93	0	1.89	0.00	1.89		
Mundra-Mohinderghar(HVDC Bipole)	2198	2497	2506	0	55.71	0.00	55.71		
400 KV Vindhychal - Rihand	0	0	0	0	0.00	0.00	0.00		
765 kV Phagi-Gwalior (D/C)	483	799	802	0	15.56	0.00	15.56		
Sub Total WR	5272	6178			133.08	5.85	127.24		

Pusauli Bypass/HVDC	200	200	200	0	4.87	0.00	4.87
400 KV MZP- GKP (D/C)	176	54	590	0	6.51	0.00	6.51
400 KV Patna-Balia(D/C) X 2	651	333	746	0	13.14	0.00	13.14
400 KV B' Sharif-Balia (D/C)	74	54	207	0	2.30	0.00	2.30
765 KV Gaya-Balia	209	113	209	0	1.67	0.00	1.67
765 KV Gaya-Varanasi (D/C)	-32	-60	152	0	2.29	0.00	2.29
220 KV Pusauli-Sahupuri	157	192	199	0	4.15	0.00	4.15
132 KV K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
132 KV Son Ngr-Rihand	-9	-20	0	30	0.00	0.36	-0.36
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
765 KV Sasaram - Fatehpur	-131	-154	87	194	0.00	1.63	-1.63
400 KV Barh -GKP (D/C)	266	278	323	0	5.19	0.00	5.19
400 kV B'Sharif - Varanasi (D/C)	-122	-121	16	104	0.00	1.03	-1.03
Sub Total ER	1439	869			40.11	3.03	37.09
+/- 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	7511	7847			188.62	8.87	179.74

V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]								
ISGS/LT Schedule (MU)			Bilateral Schedule (MU)		Power Exchange Shdtd (MU)		Wheeling (MU)	
ER	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR
41.06	1.11	42.17	5.53	9.93	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
47.70	128.46	176.16	52.51	127.24	179.74	4.80	-1.22	3.58

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	-27	-26	0	32	0	1	-0.62	

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	0.00	2.23	31.84	66.82	24.19	6.52	0.31	0.00

Frequency (Hz)				Average Frequency	Frequency Variation	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum	Minimum			Hz	Index	0.056	MAX	MIN	
Freq	Time	Freq	Time				(Hz)	(Hz)	
50.26	8.04	49.83	19.11	50.02	0.037	0.00	0.00	33.18	

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	476.39	381.25	487.22	644.48	952.35	567.47
Pong	426.72	384.05	391.93	80.40	405.50	352.07	175.08	171.85
Tehri	829.79	740.04	742.40	12.37	753.76	74.00	238.50	228.00
Koteshwar	612.50	598.50	604.45	2.37	608.90	3.98	228.00	196.52
Chamera-I	760.00	748.75	0.00	0.00	0.00	0.00	287.42	276.87
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	502.95	3.20	522.82	10.40	224.19	149.12

* 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	71	157	0	-128	137	0	2.58	6.05	8.63
Delhi	431	183	0	548	26	0	12.84	3.41	16.24
Haryana	363	322	0	299	297	0	8.40	6.74	15.14
HP	-635	-414	0	-431	-624	0	-11.98	-12.93	-24.91
J&K	-648	-29	0	-621	-29	0	-15.19	-0.58	-15.76
CHD	0	0	0	0	39	0	0.35	0.75	1.10
Rajasthan	-415	421	0	-415	326	0	-9.95	10.77	0.81
UP	1824	0	0	1268	292	0	32.11	0.81	32.92
Uttarakhand	58	146	0	131	218	0	2.55	3.18	5.74
Total	1048	786	0	651	682	0	21.72	18.20	39.92

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	223	-128	483	127	0	0
Delhi	641	431	514	-203	0	0
Haryana	495	299	342	119	0	0
HP	-431	-635	-369	-769	0	0
J&K	-547	-722	0	-29	0	0
CHD	44	0	79	0	0	0
Rajasthan	-415	-415	660	236	0	0
UP	1824	1171	292	0	0	0
Uttarakhand	131	58	251	91	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	1.04%

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

WR	0.00%
ER	0.00%
Simultaneous	25.00%

(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 21.05.2016 :
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.