



GRID CONTROLLER OF INDIA (GRID-INDIA)

NORTHERN REGIONAL LOAD DESPATCH CENTRE

DAILY OPERATION REPORT OF NORTHERN REGION

Power Supply Position in Northern Region For 20-Aug-2025

Date of Reporting:21-Aug-2025

1. Regional Availability/Demand:

Evening Peak (20:00) MW				Off-Peak (03:00) MW				Day Energy(Net MU)	
Demand Met	Shortage	Requirement	Freq (Hz)	Demand Met	Shortage	Requirement	Freq (Hz)	Demand Met	Shortage
78,463	505	78,968	49.89	70,993	0	70,993	49.92	1,747	1.37

2(A)State's Load Deails (At State Periphery) in MU:

State	State's Control Area Generation (Net MU)							Drawal Sch	Act Drawal	UI	Requirement	Shortage	Consumption
	Thermal	Hydro	Gas/Naptha/ Diesel	Solar	Wind	OthersBiomass/Co-gen etc.)	Total	(Net MU)	(Net MU)	(Net MU)	(Net MU)	(Net MU)	(Net MU)
PUNJAB	88.67	19.35	0	4.16	0	1.85	114.03	159.52	153.2	-6.32	267.23	0	267.23
HARYANA	47.59	1.02	1.16	1.12	0	1.18	52.08	200.79	199.69	-1.1	251.77	0	251.77
RAJASTHAN	131.79	3.18	0.98	33.77	16.19	6.27	192.18	171.48	171.09	-0.39	363.27	0	363.27
DELHI	0	0	4.09	0	0	1.62	5.71	132.09	132	-0.09	137.71	0	137.71
UTTAR PRADESH	289.2	28.9	0	14.1	0	0.6	332.8	252.07	249.71	-2.36	582.51	0	582.51
UTTARAKHAND	0	22.22	0	0.65	0	0	22.86	26.13	27.09	0.96	50.97	1.02	49.95
HIMACHAL PRADESH	0	40.19	0	0.13	0	0	40.32	-5.6	-5.23	0.37	35.09	0	35.09
J&K(UT) & Ladakh(UT)	0	20.32	0	0	0	0	20.32	27.95	28.07	0.12	48.74	0.35	48.39
CHANDIGARH	0	0	0	0	0	0	0	6.25	6.35	0.1	6.35	0	6.35
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.79	4.3	0.51	4.3	0	4.3
Region	557.25	135.18	6.23	53.93	16.19	11.52	780.3	974.47	966.27	-8.2	1,747.94	1.37	1,746.57

2(B)State Demand Met (Peak and off-peak Hrs)

State	Evening Peak (20:00) MW				AVG DEMAND MW	Off-Peak (03:00) MW			
	Demand Met	Shortage	UI	STOA/PX/RTM Transaction		Demand Met	Shortage	UI	STOA/PX/RTM Transaction
PUNJAB	10,199	0	-341	317	11,026	10,617	0	258	1,773
HARYANA	11,482	0	-94	2,294	10,598	9,896	0	9	2,837
RAJASTHAN	14,536	0	404	1,681	15,138	14,633	0	302	2,285
DELHI	6,144	0	-55	1,323	5,735	4,952	0	160	1,108
UTTAR PRADESH	29,549	0	-134	2,081	24,230	25,864	0	17	2,138
UTTARAKHAND	2,169	285	131	-256	2,083	1,887	0	46	-490
HIMACHAL PRADESH	1,482	0	133	-981	1,462	1,238	0	-93	-807
J&K(UT) & Ladakh(UT)	2,413	220	312	-544	2,016	1,481	0	167	-1,394
CHANDIGARH	295	0	9	-52	265	211	0	8	-131
RAILWAYS_NR ISTS	195	0	39	47	179	214	0	45	61
Region	78,464	505	404	5,910	72,732	70,993	0	919	7,380

2(C)State's Demand Met in MWs (Maximum Demand Met and Maximum requirement of the day details)

State	Maximum Demand, corresponding shortage and requirement details for the day				Maximum requirement, corresponding shortage and demand details for the day						ACE			
	Maximum Demand Met of the day	Time	Shortage during at maximum demand	Requirement at the max demand met of the day	Maximum Requirement of the day	Time	Shortage during at maximum Requirement	Demand Met at maximum requiremnet	Min Demand Met	Time	ACE_MAX	Time	ACE_MIN	Time
PUNJAB	12,638	9:00	0	12,638	12,638	9:00	0	12,638	9,813	23:00	1,387.1	12:59:00	-582.89	16:45:00
HARYANA	11,625	14:00	0	11,625	11,625	14:00	0	11,625	9,157	7:00	564.48	18:44:00	-394.05	23:56:00
RAJASTHAN	16,461	14:00	0	16,461	16,461	14:00	0	16,461	13,590	18:00	1,235.92	15:29:00	-911.75	22:29:00
DELHI	6,701	23:00	0	6,701	6,701	23:00	0	6,701	4,601	6:00	238.4	18:18:00	-178.35	19:50:00
UP	29,782	21:00	0	29,782	29,782	21:00	0	29,782	19,366	7:00	1,616.97	19:01:00	-820.99	14:49:00
UTTARAKHA ..	2,258	16:00	0	2,258	2,258	16:00	0	2,258	1,887	3:00	380.59	18:34:00	-252.98	14:59:00
HP	1,718	7:00	0	1,718	1,718	7:00	0	1,718	1,222	2:00	138.04	12:28:00	-468.61	13:53:00
J&K(UT)&Lad ..	2,413	20:00	220	2,633	2,633	20:00	220	2,413	1,462	4:00	314.29	22:59:00	-239.81	20:04:00
CHANDIGARH	321	14:00	0	321	321	14:00	0	321	206	4:00	49.51	13:01:00	-30.56	14:44:00
RAILWAYS_NR ISTS	227	2:00	0	227	227	2:00	0	227	126	14:00	0	-	0	-
NR	79,692	22:00	155	79,847	79,847	22:00	155	79,692	65,877	7:00	0	-	0	-

3(A) State Entities Generation:

CHANDIGARH										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
NIL										
Total	0	0	0					0	0	0
Total	0	0	0					0	0	0

DELHI										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
BAWANA GPS(2 * 253 + 4 * 216)	1,370	0	0	0	00:00	0	00:00	0	0	0
DELHI GAS TURBINES(3 * 34 + 6 * 30)	282	26	27	27.34	00:00	25	11:00	0.63	0.62	26
PRAGATI GAS TURBINES(1 * 121.2 + 2 * 104.6)	331	143	146	147.67	05:00	281	16:00	3.56	3.47	145
RITHALA GPS(3 * 36)	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	169	173					4.19	4.09	171
WIND	0	0	0	0		0				
BIOMASS(52)	52	66	71	71.71	02:00	64	15:00	1.87	1.62	68
SOLAR(2)	2	0	0	0		0				
Total DELHI	2,145	235	244					6.06	5.71	239

HARYANA										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
DCRTPP (YAMUNA NAGAR)(2 * 300)	600	475	342	500	19:00	36	12:00	9.66	8.74	364
JHAJJAR(CLP)(2 * 660)	1,320	1,218	762	1,225	21:00	733	11:00	22.6	21.07	878
MAGNUM DIESEL (IPP)(4 * 6.3)	25	0	0	0		0				
PANIPAT TPS(1 * 210 + 2 * 250)	710	435	363	443	21:00	358	07:00	9.83	8.84	368
RGTPP(KHEDAR)(2 * 600)	1,200	495	337	518	23:00	354	18:00	9.21	8.94	373
Total THERMAL	3,855	2,623	1,804					51.3	47.59	1,983
FARIDABAD GPS(1 * 156.07 + 2 * 137.75)	432	239	0	243	22:00	0	18:00	1.16	1.16	48
Total GAS/NAPTHA/DIESEL	432	239	0					1.16	1.16	48
TOTAL HYDRO HARYANA(64.8)	65	43	39	45	15:00	36	12:00	1.03	1.02	43
Total HYDEL	65	43	39					1.03	1.02	43
WIND	0	0	0	0		0				
BIOMASS(106)	106	0	0	0		0		1.18	1.18	49
SOLAR(196)	196	0	0	0		0		1.12	1.12	47
Total HARYANA	4,654	2,905	1,843					55.79	52.07	2,170

HIMACHAL PRADESH										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
BAJOLI HOLI(3*60)	180	181	136	181	20:00	40	05:00	3.22	3.22	134
BASPA (IPP) HPS(3 * 100)	300	307	310	311	07:00	206	14:00	6.86	6.78	283
MALANA (IPP) HPS(2 * 43)	86	0	0	0		0				
MALANA2(2 * 50)	100	0	0	0		0				
SAWARA KUDDU(3 * 37)	111	111	111	111	01:00	74	16:00	2.54	2.54	106
OTHER HYDRO HP(503.75)	504	396	398	0		0		9.04	9.02	376
Total HYDEL	1,281	995	955					21.66	21.56	899
WIND	0	0	0	0		0				
BIOMASS	0	0	0	0		0				
SOLAR(1 * 19)	19	0	0	0		0		0.13	0.13	5
SMALL HYDRO(765.25)	765	860	773	0		0		18.65	18.64	777
Total SMALL HYDRO	765	860	773					18.65	18.64	777
Total HP	2,065	1,855	1,728					40.44	40.33	1,681

J&K(UT) & LADAKH(UT)										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
GAS/DIESEL/OTHERS J&K(1 * 190)	190	0	0	0		0				
Total GAS/NAPTHA/DIESEL	190	0	0					0	0	0
BAGLIHAR (IPP) HPS(6 * 150)	900	0	0	0		0		17.79	17.79	741
OTHER HYDRO/IPP J&K(308)	308	0	0	0		0		2.53	2.53	105
Total HYDEL	1,208	0	0					20.32	20.32	846
WIND	0	0	0	0		0				
BIOMASS	0	0	0	0		0				
SOLAR	0	0	0	0		0				
SMALL HYDRO(98)	98	0	0	0		0				
Total SMALL HYDRO	98	0	0					0	0	0
Total J&K(UT)&Ladakh(UT)	1,496	0	0					20.32	20.32	846

PUNJAB										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
GOINDWAL(GVK)(2 * 270)	540	290	290	290	01:00	290	01:00	7.76	7.06	294
GURU GOBIND SINGH TPS (ROPAR)(4 * 210)	840	386	357	400	21:00	352	01:00	9.83	8.63	360
GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)(2 * 210 + 2 * 250)	920	810	719	810	20:00	631	10:00	18.41	16.77	699
RAJPURA(NPL) TPS(2 * 700)	1,400	1,320	1,070	1,320	01:00	660	11:00	26.2	24.96	1,040
TALWANDI SABO TPS(3 * 660)	1,980	1,841	924	1,841	07:00	924	03:00	33.57	31.25	1,302
Total THERMAL	5,680	4,647	3,360					95.77	88.67	3,695
ANANADPUR SAHIB HYDRO PLANT(2 * 33.5 + 2 * 33.5)	134	115	114	115	11:00	114	01:00	2.78	2.77	115
MUKERIAN HYDRO PLANT(6 * 15 + 6 * 19.5 + 2 * 9)	225	155	158	158	02:00	133	23:45	3.59	3.58	149
RANJIT SAGAR POWER PLANT (4 * 150)	600	600	480	600	01:00	0	05:00	6.42	6.4	267
SHANAN(4 * 15 + 1 * 50)	110	95	110	110	01:00	95	08:00	2.39	2.39	100
UBDC(3 * 15 + 3 * 15.5)	92	71	57	71	14:00	53	07:00	1.54	1.51	63
OTHER HYDRO PUNJAB	0	0	0	0		0		2.7	2.7	113
Total HYDEL	1,161	1,036	919					19.42	19.35	807
WIND	0	0	0	0		0				
BIOMASS(303)	303	0	0	0		0		1.85	1.85	77
SOLAR(881)	881	54	42	467	13:00	40	04:00	4.16	4.16	173
Total PUNJAB	8,025	5,737	4,321					121.2	114.03	4,752

RAJASTHAN										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
BARSINGSAR (IPP) LTPS(2 * 125)	250	110	112	184	06:00	103	11:00	2.94	2.57	107
CHHABRA TPS(2 * 660 + 4 * 250)	2,320	1,091	1,107	1,110	01:00	758	16:00	26.95	24.89	1,037
GIRAL (IPP) LTPS(2 * 125)	250	0	0	0		0				
KALISINDH TPS(2 * 600)	1,200	886	408	945	00:00	265	15:00	15.04	13.55	565
KAWAI TPS(2 * 660)	1,320	1,244	1,189	1,244	20:00	708	13:00	26.33	24.84	1,035
KOTA TPS(2 * 110 + 2 * 195 + 3 * 210)	1,240	1,008	999	1,023	08:00	730	14:00	24.89	22.17	924
RAJWEST (IPP) LTPS(8 * 135)	1,080	715	730	737	04:00	538	16:00	18.59	16.21	675
SURATGARH TPS (6 * 250 + 2 * 660(SSCTPS))	2,820	1,353	1,403	1,403	03:00	955	17:00	30.15	27.55	1,148
VSLPP (IPP)(1 * 135)	135	0	0	0		0				
Total THERMAL	10,615	6,407	5,948					144.89	131.78	5,491
DHOLPUR GPS(3 * 110)	330	0	0	0		0				
RAMGARH GPS(1 * 110 + 1 * 35.5 + 1 * 50 + 2 * 37.5)	271	12	49	60	00:00	41	14:00	1.03	0.98	41
Total GAS/NAPTHA/DIESEL	601	12	49					1.03	0.98	41
RAPS-A(1 * 100 + 1 * 200)	300	177	173	181	10:00	175	06:00	4.65	4.32	180
Total NUCLEAR	300	177	173					4.65	4.32	180
TOTAL HYDRO RAJASTHAN(550)	550	183	117	201	21:00	95	17:00	3.19	3.18	133
Total HYDEL	550	183	117					3.19	3.18	133
WIND(1 * 4328)	4,328	543	322	1,219	17:00	369	08:00	16.19	16.19	675
BIOMASS(102)	102	81	81	81	01:00	81	06:00	1.95	1.95	81
SOLAR(4568)	4,568	0	0	4,227	15:00	0	06:00	33.77	33.77	1,407
Total RAJASTHAN	21,064	7,403	6,690					205.67	192.17	8,008

UTTAR PRADESH										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
ANPARA TPS(2 * 500 + 3 * 210)	1,630	1,377	1,325	1,387	22:00	1,086	13:00	33.2	30.8	1,283
ANPARA-C TPS(2 * 600)	1,200	1,105	555	1,110	18:00	555	01:00	23.4	21.7	904
ANPARA-D TPS(2 * 500)	1,000	930	456	938	21:00	456	03:00	19.1	17.9	746
BAJAJ ENERGY PVT LTD (IPP) TPS(10 * 45)	450	406	203	406	19:00	203	02:00	7.1	6.4	267
BARA PPGCL TPS(3 * 660)	1,980	1,117	1,720	1,720	03:00	685	13:00	28.8	26.6	1,108
GHATAMPUR TPS (1*660)	660	566	572	578	23:00	300	10:00	12.1	10.9	454
HARDUAGANJ TPS(1 * 110 + 2 * 250 + 1*660)	1,270	908	570	997	21:00	560	15:00	17.5	15.9	663
INFIRM POWER	660	0	0	0		0				
JAWAHARPUR TPS(2*660)	1,320	1,006	688	1,006	20:00	625	09:00	22.1	19.9	829
JP CHURK(3 * 60)	180	0	0	0		0				
KHURJA TPS(1 * 660)	660	593	600	605	02:00	536	10:00	15.6	14.1	588
LALITPUR TPS(3 * 660)	1,980	1,855	1,786	1,857	21:00	992	10:00	37.7	35.4	1,475
MEJA TPS(2 * 660)	1,320	1,228	1,208	1,243	21:00	678	10:00	25	23.4	975
OBRA TPS(5 * 200+1*660)	1,660	966	928	994	05:00	851	13:00	24.4	22	917
PANKI_I TPS(1 * 660)	660	543	352	543	21:00	283	13:00	9.7	8.8	367
PARICHA TPS(2 * 210 + 2 * 250)	920	611	512	747	04:00	370	13:00	14.1	12.8	533
ROSA TPS(4 * 300)	1,200	1,127	880	1,127	20:00	586	15:00	21.8	20	833
TANDA TPS(4 * 110)	440	181	118	186	19:00	108	10:00	3	2.6	108
Total THERMAL	19,190	14,519	12,473					314.6	289.2	12,050
ALAKHANANDA HEP(4 * 82.5)	330	345	351	351	03:00	310	11:00	8.2	8.2	342
RIHAND HPS(6 * 50)	300	280	285	285	01:00	230	15:00	6.5	6.5	271
VISHNUPARYAG HPS(4 * 110)	440	646	436	654	23:00	436	01:00	10.5	10.5	438
OTHER HYDRO UP(227)	227	95	160	186	17:00	99	20:00	3.7	3.7	154
Total HYDEL	1,297	1,366	1,232					28.9	28.9	1,205
WIND	0	0	0	0		0				
BIOMASS(26)	26	0	0	0		0				
SOLAR(2430)	2,642	0	0	1,856	13:00	0	01:00	14.1	14.1	588
CO-GENERATION(1360)	1,360	25	25	25	01:00	0		0.6	0.6	25
Total OTHERs	1,360	25	25					0.6	0.6	25
Total UP	24,515	15,910	13,730					358.2	332.8	13,868

UTTARAKHAND										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
GAMMA	225	0	0	0		0				
SARAVANTI	450	0	0	0		0				
Total GAS/NAPTHA/DIESEL	675	0	0					0	0	0
OTHER HYDRO UK(1250)	1,250	877	942	976	23:00	860	18:00	22.3	22.22	926
Total HYDEL	1,250	877	942					22.3	22.22	926
WIND	0	0	0	0		0				
BIOMASS(127)	127	0	0	0		0				
SOLAR(278)	278	0	0	89	14:00	5	18:00	0.65	0.65	27
SMALL HYDRO(180)	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	877	942					22.95	22.87	953

3(B) Regional Entities Generation														
Station/Constituents	Inst. Capacity	Declared Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy				AVG. MW	UI(Actual-Schedule-(+- AGC))
	(MW)	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	SCHD (MU)	Gross Gen ACT (MU)	Net Gen ACT MU)	AGC(MU)		
Aravali Power Company Private Ltd														
ISTPP (JHAJJAR)(3 * 500)	1,500	1,411	1,483	959	1,506	22:30	824	13:30	22.2	24.38	22.56	0.38	940	-0.02
Sub-Total	1,500	1,411	1,483	959	-	-	-	-	22.2	24.38	22.56	0.38	940	-0.02
BBMB														
BHAKRA HPS(5 * 126 + 5 * 157)	1,415	1,392	1,428	1,429	1,429	01:00	1,270	12:00	33.33	34.12	33.69	0	1,404	0.36
DEHAR HPS(6 * 165)	990	465	480	610	610	01:00	330	12:00	12.23	12.3	12.1	0	504	-0.13
PONG HPS(6 * 66)	396	352	360	360	360	01:00	360	12:00	8.45	8.65	8.55	0	356	0.1
Sub-Total	2,801	2,209	2,268	2,399	-	-	-	-	54.01	55.07	54.34	0	2,264	0.33
NHPC														
BAIRASIUL HPS(3 * 60)	180	0	0	188	188	02:30	0	-	1.97	1.86	1.85	0	77	-0.12
CHAMERA I HPS(3 * 180)	540	536	539	546	546	03:00	538	01:00	12.81	12.97	12.83	0	535	0.02
CHAMERA II HPS(3 * 100)	300	312	306	304	306	19:00	298	08:00	7.16	7.23	7.18	0.01	299	0.01
CHAMERA III HPS(3 * 77)	231	240	235	235	235	20:00	221.3	14:00	5.51	5.55	5.49	-0.02	229	0
DHAULIGANGA HPS(4 * 70)	280	292	285	284	286	06:00	258.9	14:00	6.69	6.75	6.73	0	280	0.04
DULHASTI HPS(3 * 130)	390	257	261	264	264	03:00	228	14:00	6.15	6.21	6.12	0	255	-0.03
KISHANGANGA(3 * 110)	330	217	225	221	338	22:00	0	11:00	4.45	4.31	4.3	0	179	-0.15
PARBATI III HEP(4 * 130)	520	260	250	248	374	21:00	0	-	6.19	6.26	6.22	0	259	0.03
PARBATI-II(4 * 200)	800	396	400	386	400	02:00	371.7	14:00	8.86	9.45	8.97	0	374	0.11
SALAL HPS(6 * 115)	690	680	697	692	700	13:00	692	07:00	16.32	16.61	16.42	0	684	0.1
SEWA-II HPS(3 * 40)	120	126	126	124	127	21:00	0	-	2.87	2.99	2.95	0	123	0.08
TANAKPUR HPS(1 * 31.42 + 2 * 31.4)	94	93	104	104	107	10:00	99.13	09:00	2.21	2.46	2.43	0	101	0.22
URI HPS(4 * 120)	480	100	451	446	460	14:15	65	23:45	9.05	9.25	9.18	0	383	0.13
URI-II HPS(4 * 60)	240	215	229	229	230	00:00	220.92	08:00	5.2	5.49	5.45	0	227	0.25
Sub-Total	5,195	3,724	4,108	4,271	-	-	-	-	95.44	97.39	96.12	-0.01	4,005	0.69
NPCL														
NAPS(2 * 220)	440	191	211	213	218	04:00	0	-	4.58	5.12	4.54	0	189	-0.04
RAPP-D	700	429	0	0	0	-	0	-	10.3	11.61	10.31	0	430	0.01
RAPS-B(2 * 220)	440	348	388	396	398	05:00	0	-	8.36	9.42	8.29	0	345	-0.07
RAPS-C(2 * 220)	440	404	447	447	447	01:00	0	-	9.7	10.78	9.71	0	405	0.01
Sub-Total	2,020	1,372	1,046	1,056	-	-	-	-	32.94	36.93	32.85	0	1,369	-0.09
NTPC														
ANTA GPS(1 * 153.2 + 3 * 88.71)	419	384	243	0	248	21:41	0	-	0.98	1.19	1.16	0	48	0.18
AURAIYA GPS(2 * 109.3 + 4 * 111.19)	663	626	0	0	0	-	0	-	0	0	0.05	0	2	0.05
DADRI GPS(2 * 154.51 + 4 * 130.19)	830	805	0	0	483	-	0	-	1.84	2.17	2.1	0	88	0.26
DADRI-I TPS(4 * 210)	840	769	0	0	0	-	0	-	5.26	6.5	5.73	0	239	0.47
DADRI-II TPS(2 * 490)	980	919	0	0	0	-	0	-	14.06	15.4	14.27	0	595	0.21
KOLDAM HPS(4 * 200)	800	871	869	867	871	11:00	0	-	20.91	20.95	20.84	0	868	-0.07
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	3.41	1.06	1.06	0	44	-2.35
RIHAND-I STPS(2 * 500)	1,000	450	492	494	494	03:00	273	10:00	9.23	10	8.8	-0.02	367	-0.41
RIHAND-II STPS(2 * 500)	1,000	943	1,001	1,001	1,009	02:00	542	10:00	19.44	20.55	19.3	-0.03	804	-0.11
RIHAND-III STPS(2 * 500)	1,000	943	990	1,005	1,019	21:00	539	10:00	19.37	20.39	19.19	-0.02	800	-0.16
SINGRAULI HYDRO(1 * 8)	8	0	0	0	0	-	0	-	0	0	0	0	0	0
SINGRAULI STPS(2 * 500 + 5 * 200)	2,000	915	1,026	1,441	1,026	20:00	0	-	22.27	24.8	21.82	0	909	-0.45
TANDA TPS STAGE-II(2 * 660)	1,320	1,244	1,311	1,091	1,311	20:00	0	-	23.3	25.05	23.31	0	971	0.01
UNCHAHAH II TPS(2 * 210)	420	375	420	265	420	20:00	0	-	5.8	6.96	6.17	0.19	257	0.18
UNCHAHAH III TPS(1 * 210)	210	189	207	127	207	20:00	0	-	2.96	3.46	3.11	0.07	130	0.08
UNCHAHAH IV TPS(1 * 500)	500	425	465	319	465	20:00	0	-	7.29	8.35	7.76	0.41	323	0.06
UNCHAHAH TPS(2 * 210)	420	365	394	249	394	20:00	0	-	5.79	6.72	5.89	0	245	0.1
Sub-Total	12,655	10,223	7,418	6,859	-	-	-	-	161.91	173.55	160.56	0.6	6,690	-1.95
SJVNL														
NATHPA-JHAKRI HPS(6 * 250)	1,500	1,630	1,648	1,647	1,648	02:00	1,596	13:00	38.81	39.43	39.12	0	1,630	0.31
RAMPUR HEP(6 * 68.67)	412	449	451	446	454	19:00	429	13:00	10.5	10.9	10.82	0	451	0.32
Sub-Total	1,912	2,079	2,099	2,093	-	-	-	-	49.31	50.33	49.94	0	2,081	0.63
THDC														
KOTESHWAR HPS(4 * 100)	400	400	392	409	414	06:00	359	13:00	9.6	9.5	9.49	0	395	-0.11
TEHRI HPS(4 * 250)	1,000	1,048	1,061	1,055	1,070	21:00	0	09:00	20.72	20.83	20.71	0.03	863	-0.04
TEHRI PSP(4 * 250)	1,000	463	463	463	463	-	0	-	7.41	9.11	7.87	0	328	0.46
Sub-Total	2,400	1,911	1,916	1,927	-	-	-	-	37.73	39.44	38.07	0.03	1,586	0.31

Total	28,483	22,929	20,338	19,564				453.54	477.09	454.44	1	18,935	-0.1
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IPP/JV													
Station/Constituents	Inst. Capacity	Declared Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy			AVG. MW	UI
	(MW)	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	SCHD (MU)	Gross Gen(MU)	Net Gen(MU)		
IPP													
ADHPL(IPP) HPS(2 * 96)	192	208	0	212	214	04:00	0	-	4.31	2.36	2.34	98	-1.97
BUDHIL HPS (IPP)(2 * 35)	70	69	77	77	78	17:00	70.34	09:00	1.8	1.84	1.84	77	0.04
KARCHAM WANGTOO HPS(4 * 261.25)	1,045	1,126	1,140	1,140	1,140	20:00	1,140	11:00	27.03	27.2	27.02	1,126	-0.01
SAINJ HEP(2 * 50)	100	0	0	0	0	-	0	-	0	0	0	0	0
SHREE CEMENT (IPP) TPS(2 * 150)	300	336	0	0	0	-	0	-	3.82	4.07	3.76	157	-0.06
SINGOLI BHATWARI HEP(3 * 33)	99	107	30	107	107	02:00	0	-	2.16	2.16	2.14	89	-0.02
SORANG HYDROELECTRIC PROJECT(2 * 50)	100	94	103	100	104	08:00	0	-	2.32	2.46	2.45	102	0.13
Sub-Total	1,906	1,940	1,350	1,636	-	-	-	-	41.44	40.09	39.55	1,649	-1.89
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	357	0	0	0	0	-	0	-	2.86	2.15	2.15	90	-0.71
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	1.41	1.69	1.69	70	0.28
ACME CHITTORGARH SOLAR ENERGY PVT LTD(1 * 250)	250	0	0	0	204	11:15	0	-	1.49	1.53	1.53	64	0.04
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	301	14:05	0	-	1.91	2.13	2.13	89	0.22
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	2.02	2.15	2.15	90	0.13
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	293	12:02	0	-	1.96	2.13	2.12	88	0.16
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	290	10:46	0	-	1.9	2.12	2.12	88	0.22
ACME SIKAR SOLAR PRIVATE LIMITED	53	0	0	0	0	-	0	-	1.45	1.42	1.42	59	-0.03
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	282	12:28	0	-	1.93	2.11	2.11	88	0.18
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.62	0.72	0.72	30	0.1
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.61	0.66	0.66	28	0.05
ADANI GREEN ENERGY TWENTY FOUR LIMITED	405	0	0	0	0	-	0	-	2.53	2.58	2.58	108	0.05
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)(1 * 200)	200	0	0	0	207	12:31	0	-	1.28	1.38	1.38	58	0.1
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	155	13:15	0	-	1.08	1.11	1.11	46	0.03
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150)	150	0	0	0	141	13:15	0	-	0.96	1.08	1.08	45	0.12
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.29	0.28	0.28	12	-0.01
ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150)	150	0	0	0	150	11:23	0	-	1.06	1.19	1.19	50	0.13
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	178	12:20	0	-	1.36	1.47	1.46	61	0.1
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	108	15:53	0	-	0.61	0.74	0.74	31	0.13
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	0	-	0	-	2.22	2.33	2.33	97	0.11
AMBUJA CEMENTS LIMITED	150	0	0	0	0	-	0	-	1.14	1.13	1.13	47	-0.01
AMP ENERGY GREEN FOUR PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.56	0.55	0.55	23	-0.01
AMPLUS AGES PRIVATE LIMITED(1*100)	100	0	0	0	92	15:22	0	-	0.59	0.61	0.6	25	0.01
AURAIYA SOLAR(1 * 40)	40	0	0	0	0	-	0	-	0.2	0.22	0.21	9	0.01
AVAADA RJHN PRIVATE LIMITED(1*240)	240	0	0	0	244	12:23	0	-	1.6	1.69	1.69	70	0.09
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER(1 * 350)	350	0	0	0	323	14:03	0	-	2.18	2.28	2.28	95	0.1
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	326	14:11	0	-	2.05	2.1	2.1	88	0.05
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	297	14:08	0	-	1.93	1.96	1.96	82	0.03
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	294	14:40	0	-	1.94	2.08	2.08	87	0.14
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	255	15:19	0	-	1.49	1.58	1.58	66	0.09
AZURE POWER FORTY THREE PRIVATE LIMITED(1 * 150 + 1 * 150 + 1 * 300)	600	0	0	0	385	10:00	0	-	2.91	3.2	3.2	133	0.29
AZURE POWER INDIA PVT LTD.(4 * 50)	200	0	0	0	183	11:23	0	-	1.14	1.12	1.12	47	-0.02
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	272	11:45	0	-	1.93	1.78	1.78	74	-0.15
AZURE POWER THIRTY FOUR PRIVATE LTD(1 * 130)	130	0	0	0	135	13:24	0	-	0.84	0.89	0.89	37	0.05
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	1.05	1.52	1.52	63	0.47
CLEAN SOLAR POWER (BHADLA) PVT LTD(1 * 300)	300	0	0	0	302	11:45	0	-	1.88	1.9	1.9	79	0.02
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	251	12:45	0	-	1.58	1.65	1.64	68	0.06

DADRI SOLAR(5)	5	0	0	0	3	-	0	-	0.02	0.02	0.02	1	0
DEVIKOT SOLAR POWER NTPC	240	0	0	0	0	-	0	-	1.36	1.42	1.42	59	0.06
EDEN RENEWABLE ALMA PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.28	1.52	1.52	63	0.24
EDEN RENEWABLE CITE PRIVATE LIMITED(1 * 300)	300	0	0	0	300	14:11	0	-	1.84	2	2	83	0.16
FATEHGARH SOLAR PV PROJECT(1*296)	296	0	0	0	276	14:24	0	-	1.84	1.91	1.88	78	0.04
GORBEA SOLAR PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.52	1.82	1.82	76	0.3
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	90	15:21	0	-	0.6	0.6	0.6	25	0
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	84	15:22	0	-	0.51	0.53	0.53	22	0.02
JUNA RENEWABLE ENERGY PRIVATE LIMITED	168	0	0	0	0	-	0	-	1.42	1.41	1.41	59	-0.01
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	42	15:21	0	-	0.27	0.25	0.25	10	-0.02
KARNISAR SOLAR PLANT NHPC LIMITED	107	0	0	0	183	15:39	0	-	0.98	1.1	1.09	45	0.11
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	250	0	0	0	0	-	0	-	1.55	1.44	1.44	60	-0.11
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	3.04	3.05	3.05	127	0.01
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED(1 * 50)	50	0	0	0	50	12:41	0	-	0.32	0.36	0.36	15	0.04
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED(1 * 50)	50	0	0	0	48	13:09	0	-	0.3	0.34	0.34	14	0.04
M/S AZURE POWER FORTY ONE PRIVATE LIMITED(1 * 300)	300	0	0	0	261	15:00	0	-	1.87	1.91	1.91	80	0.04
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	86	15:18	0	-	0.6	0.59	0.59	25	-0.01
MEGA SOILS RENEWABLE PRIVATE LIMITED(1 * 250)	250	0	0	0	0	-	0	-	1.55	1.56	1.56	65	0.01
MEGA SURYAURJA PVT LTD(1*250)	250	0	0	0	0	-	0	-	1.52	0.93	0.93	39	-0.59
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.52	0.54	0.54	23	0.02
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	158	0	0	0	153	09:54	0	-	0.97	0.91	0.91	38	-0.06
NOKHRA SOLAR POWER NTPC	300	0	0	0	0	-	0	-	1.5	1.42	1.42	59	-0.08
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)(1 * 300)	300	0	0	0	255	15:34	0	-	1.81	1.64	1.64	68	-0.17
RENEW SURYA RAVI PVT LTD(1*300)	300	0	0	0	226	09:57	0	-	1.31	1.44	1.44	60	0.13
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	276	14:15	0	-	1.79	1.73	1.73	72	-0.06
RENEW SOLAR POWER PVT LTD(50)	50	0	0	0	216	14:13	0	-	0.31	0.34	0.34	14	0.03
RENEW SOLAR POWER PVT LTD. BIKANER(1 * 250)	250	0	0	0	0	-	0	-	1.4	1.5	1.5	63	0.1
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	282	15:06	0	-	1.69	1.74	1.74	73	0.05
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	305	14:04	0	-	1.67	1.71	1.71	71	0.04
RENEW SURYA JYOTI PRIVATE LIMITED	185	0	0	0	0	-	0	-	1.16	1.01	1.01	42	-0.15
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	200	13:58	0	-	1.4	1.33	1.32	55	-0.08
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	1.9	2.03	2.03	85	0.13
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	100	13:58	0	-	0.64	0.61	0.6	25	-0.04
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	212	13:34	0	-	1.25	1.16	1.15	48	-0.1
SB ENERGY FOUR PVT LTD(2 * 100)	200	0	0	0	190	11:36	0	-	1.24	1.25	1.25	52	0.01
SB ENERGY SIX PRIVATE LIMITED(1 * 300)	300	0	0	0	303	14:16	0	-	1.95	2.25	2.25	94	0.3
SJVN GREEN ENERGY LIMITED	242	0	0	0	399	09:49	0	-	2.05	2.63	2.59	108	0.54
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED_BKN2	168	0	0	0	0	-	0	-	1.12	1.15	1.15	48	0.03
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	176	0	0	0	224	15:52	0	-	1.46	1.46	1.46	61	0
SINGRAULI SOLAR(15)	15	0	0	0	0	-	0	-	0.06	0.04	0.04	2	-0.02
SOLZEN URJA PRIVATE LIMITED(1 * 300)	300	0	0	0	256	14:03	0	-	1.63	1.75	1.75	73	0.12
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	81	15:44	0	-	0.14	0.57	0.57	24	0.43
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	234	12:42	0	-	1.48	1.47	1.47	61	-0.01
TATA POWER RENEWABLE ENERGY LTD(1 * 300)	300	0	0	0	267	13:51	0	-	1.8	1.95	1.91	80	0.11
TATA POWER SAURYA LIMITED	110	0	0	0	86	14:41	0	-	0.55	0.55	0.55	23	0
THAR SURYA IPRIVATE LIMITED(1*300)	300	0	0	0	274	14:45	0	-	1.94	2.01	2.01	84	0.07
TRANSITION ENERGY SERVICES PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.35	0.59	0.59	25	0.24
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	102	15:19	0	-	0.57	0.68	0.68	28	0.11
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	51	15:20	0	-	0.29	0.34	0.34	14	0.05
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.32	0.29	0.29	12	-0.03
UNCHAHAH SOLAR(10)	10	0	0	0	0	-	0	-	0.04	0.04	0.04	2	0

XL XERGI POWER PRIVATE LIMITED	400	0	0	0	243	10:42	0		1.52	1.53	1.52	63	0
Sub-Total	18,548	0	0	0	-	-	-	-	114.78	119.65	119.44	4,981	4.66
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	582	14:32	0	-	4.43	4.79	4.79	200	0.36
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	144	128	336	-	0	-	3.31	3.17	3.17	132	-0.14
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	348	11:03	0	-	2.49	2.51	2.51	105	0.02
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	34	16	60	07:00	0	-	0.76	0.84	0.84	35	0.08
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	294	-	0	-	2.16	2.25	2.25	94	0.09
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	18	15	45	07:00	0	-	0.52	0.51	0.51	21	-0.01
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	294	09:45	0	-	2.26	2.22	2.22	93	-0.04
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	16	19	46	10:00	0	-	0.53	0.46	0.46	19	-0.07
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	401	11:24	0	-	2.81	2.79	2.79	116	-0.02
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	35	0	87	16:30	0	-	0.75	0.75	0.75	31	0
Sub-Total	2,846	0	247	178	-	-	-	-	20.02	20.29	20.29	846	0.27
Total	23,300	1,940	1,597	1,814					176.24	180.03	179.28	7,476	3.04

Summary Section						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	66,474	34,922	29,498	830.63	780.3	32,517
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		5,742	4,291	351.85	351.85	13,161
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		-49	-58	1.23	1.23	67
Total Regional Availability(Gross)	118,257	62,550	55,109	1,840.83	1,767.1	72,156

Total Hydro Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	12,610	13,193	299.2	295.1	12,296
State Control Area Hydro	7,855	5,360	4,977	135.47	135.19	5,636
Total Regional Hydro	22,577	17,970	18,170	434.67	430.29	17,932

Total Renewable Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	21,639	247	178	141	140.79	5,871
State Control Area Renewable	13,630	744	516	76.97	76.72	3,197
Total Regional Renewable	35,269	991	694	217.97	217.51	9,068

Total Solar Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	20,773	0	0	135.27	135.06	5,633
State Control Area Solar	8,586	54	42	53.93	53.93	2,247
Total Solar	29,359	54	42	189.2	188.99	7,880

Total Wind Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	247	178	5.73	5.73	238
State Control Area Wind	4,328	543	322	16.19	16.19	675
Total Wind	5,194	790	500	21.92	21.92	913

4(A) INTER-REGIONAL EXCHANGES (Import=(+ve) /Export =(-ve))

SL.No.	Element	20:00	03:00	Maximum Interchange (MW)		Import in MU	Export in MU	NET
		(MW)	MW	Import (MW)	Export (MW)			
Import/Export between EAST REGION and NORTH REGION								
1	132KV Rihand - Nagar Untari	-	-	-	-	-	-	-
2	132KV-Chandauli (UP)-Karmnasa(PG)	-	-	-	-	-	-	-
3	132KV-Rihand (UP)-Garhwa(CG)	-	-	-	-	0	0.71	-0.71
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	1.98	0	1.98
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	1.03	0	1.03
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	1.94	0	1.94
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	1.56	0	1.56
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	7.67	0	7.67
10	400KV-Gorakhpur (UP)-Motihari(DMT)	394	386	432	78	5.19	0	5.19
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	750	834	836	0	12.62	0	12.62

Import/Export between EAST REGION and NORTH REGION								
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	3.18	0	3.18
13	400KV-Varanasi (PG)-Sasaram(PG)	-23	-78	96	0	1.24	0	1.24
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	13.22	0	13.22
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	3.01	0	3.01
16	765KV-Varanasi (PG)-Gaya(PG)	-669	-374	669	480	4.34	0	4.34
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	-	-	-	-	9.45	0	9.45
Sub-Total EAST REGION		452	768	2,033	558	66.43	0.71	65.72
Import/Export between NORTH_EAST REGION and NORTH REGION								
1	HVDC800KV-Agra (PG)-Biswanath Charialli(PG)	-	-	-	-	7.24	0	7.24
Sub-Total NORTH_EAST REGION		0	0	0	0	7.24	0	7.24
Import/Export between WEST REGION and NORTH REGION								
1	132KV-Lalitpur (UP)-Rajghat(MP)	-	-	-	-	-	-	-
2	132KV-Sawai Madhopur (RJ)-Gwalior(MP)	-	-	-	-	-	-	-
3	220KV-Auraiya (NT)-Malanpur(PG)	28	5	-	131	0	0.15	-0.15
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	116	123	135	-	2.81	0	2.81
6	220KV-Ranpur (RS)-Bhanpura(MP)	118	109	126	-	2.75	0	2.75
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-440	-600	-773	175	8.37	0	8.37
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	2.34	-2.34
10	400KV-RAPS C (NP)-Sujalpur	-454	-441	588	347	4.59	0	4.59
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-823	-752	0	-823	0	14	-14
13	765KV-0rai-Jabalpur	2,664	2,366	2,781	0	46.09	0	46.09
14	765KV-0rai-Satna	1,076	954	1,076	0	19.14	0	19.14
15	765KV-Agra (PG)-Gwalior(PG)	-	-	-	-	39.1	0	39.1
16	765KV-Chittorgarh-Banaskata D/C	1,053	450	-852	1,310	0	7.81	-7.81
17	765KV-Phagi (RJ)-Gwalior(PG)	1,683	1,870	1,885	246	25.02	0	25.02
18	765KV-Varanasi (PG)-Vindhyachal(PG)	-2,981	-3,061	3,606	0	63.66	0	63.66
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	-	-	-	-	27.67	0	27.67
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	250	500	500	0	8.42	0	8.42
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	3,000	2,000	4,000	0	55.57	0	55.57
Sub-Total WEST REGION		5,290	3,523	13,072	1,386	303.19	24.3	278.89
TOTAL IR EXCHANGE		5,742	4,291	15,105	1,944	376.86	25.01	351.85

4(B) Inter Regional Schedule & Actual Exchange (Import=(+ve) /Export =(-ve)) in MU

	ISGS+GNA+URS schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total IR Schedule	Total IR Actual	NET IR UI
NR-ER	96.56	14.53	0	-0.37	0	98.46	65.72	-32.74
NR-NORTH_EAST REGION	0	0	0	0	0	0	7.24	7.24
NR-WR	203.78	104.05	0	-6.44	0	276.67	278.89	2.22
Total	300.34	118.58	0	-6.81	0	375.13	351.85	-23.28

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

Element	Peak	Off-Peak	Maximum Interchange(MW)		Energy (MU)		Net Energy	Schedule Energy
	MW	MW	Import	Export	Import	Export	(MU)	(MU)
132KV-Tanakpur(NH)-Mahendranagar(PG)	-49	-58	66.864	0	1.23	0	1.23	0
132KV-Nautanwa (UP)-Mainhiya (Nepal)							0	0

5.Frequency Profile

RANGE(Hz)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
%	0	1.31	1.53	10.89	53.45	71.66	10.32	4.7	2.43	17.45

<-----Frequency (Hz)----->

Maximum		Minimum		Average Frequency	Freq Variation Index	Standard Deviation	Freq. in 15 mnt blk		Freq Dev Index (% of Time)
Frequency	Time	Frequency	Time				Max.	Min.	
50.32	14:02:50	49.6	19:26:10	49.99	0.077	0.088	50.26	49.65	0.00

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index (% of time)
					< 380	< 390	> 420	> 430	
Abdullapur(PG) - 400KV	413	08:25	404	14:45	0	0	0	0	0
Amritsar(PG) - 400KV	409	13:05	401	09:50	0	0	0	0	0
Ballabgarh(PG) - 400KV	414	05:00	391	14:40	0	0	0	0	0

Bareilly II(PG) - 400KV	416	08:00	392	21:40	0	0	0	0	0
Bareilly(UP) - 400KV	417	05:05	393	21:40	0	0	0	0	0
Baspa(HP) - 400KV	405	00:00	400	10:15	0	0	0	0	0
Bassi(PG) - 400KV	415	07:55	392	11:50	0	0	0	0	0
Bawana(DTL) - 400KV	416	08:00	400	19:20	0	0	0	0	0
Dadri HVDC(PG). - 400KV	415	07:55	395	19:20	0	0	0	0	0
Gorakhpur(PG) - 400KV	417	13:40	388	20:45	0	2.78	0	0	0
Hisar(PG) - 400KV	417	05:00	398	11:50	0	0	0	0	0
Kanpur(PG) - 400KV	417	08:00	394	19:20	0	0	0	0	0
Kashipur(UT) - 400KV	418	08:00	406	19:20	0	0	0	0	0
Kishenpur(PG) - 400KV	411	05:00	404	14:45	0	0	0	0	0
Moga(PG) - 400KV	411	13:00	401	09:50	0	0	0	0	0
Nallagarh(PG) - 400KV	405	00:00	400	10:15	0	0	0	0	0
Rihand HVDC(PG) - 400KV	404	16:05	389	23:45	0	2.43	0	0	0
Rihand(NT) - 400KV	403	13:30	390	23:40	0	0	0	0	0

6.1 Voltage Profile: 765kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index
					< 728	< 742	> 800	> 820	
Anta RS(RJ) - 765KV	795	07:50	766	19:25	0	0	0	0	0
Balia(PG) - 765KV	788	13:35	743	21:40	0	0	0	0	0
Bareilly II(PG) - 765KV	801	05:05	746	21:40	0	0	.69	0	.69
Bhiwani(PG) - 765KV	793	07:30	764	19:20	0	0	0	0	0
Fatehpur(PG) - 765KV	798	08:00	747	19:20	0	0	0	0	0
Jhatikara(PG) - 765KV	788	05:00	752	19:20	0	0	0	0	0
Lucknow II(PG) - 765KV	796	08:00	739	20:45	0	7.64	0	0	0
Meerut(PG) - 765KV	790	07:55	749	19:20	0	0	0	0	0
Moga(PG) - 765KV	795	13:05	759	09:10	0	0	0	0	0
Phagi(RJ) - 765KV	799	08:00	766	19:20	0	0	0	0	0
Unnao(UP) - 765KV	783	08:00	741	20:50	0	1.74	0	0	0

7(A). Short-Term Open Access Details:

State	Off- Peak Hours (03:00)							Peak Hours (20:00)						
	T-GNA Bilateral (MW)	IEX GDAM (MW)	IEX DAM (MW)	IEX RTM (MW)	PXIL GDAM (MW)	PXIL DAM (MW)	PXI RTM (MW)	Bilateral (MW)	IEX GDAM (MW)	IEX DAM (MW)	IEX RTM (MW)	PXIL GDAM (MW)	PXIL DAM (MW)	PXI RTM (MW)
PUNJAB	1,770.38	2.9	0	0	0	0	0	1,766.91	0	-50	-1,300	0	-50	-50
HARYANA	3,058.92	28.57	0	-250	0	0	0	2,589.09	2.97	0.82	-199.34	0	-100	0
RAJASTHAN	1,100.41	36.2	472.36	675.71	0	0	0	1,291.74	4.57	-31.41	126.4	0	0	289.59
DELHI	1,048.52	0.77	-8.64	67.21	0	0	0	1,144.21	51.36	15.82	112.08	0	0	0
UTTAR PRADESH	500.67	136.8	974.36	526.57	0	0	0	1,680.45	58.81	223.17	118.1	0	0	0
UTTARAKHA ..	-539.68	-3.2	-20	72.4	0	0	0	-301.74	-9.2	18.95	35.71	0	0	0
HIMACHAL PRADESH	-764.08	-88.6	-54.4	100.38	0	0	0	-865.08	-88.3	-58.41	31.28	0	0	0
J&K(UT) & LADAKH(UT)	-400	0	-14.4	-979.6	0	0	0	-522	-56.7	-16.3	51.01	0	0	0
CHANDIGARH	54.47	0	-185	0	0	0	0	77.81	0	-130	0	0	0	0
RAILWAYS_NR ISTS	36.16	25.1	0	0	0	0	0	36.16	7.51	2.08	1.63	0	0	0
TOTAL	5,865.77	138.54	1,164.28	212.67	0	0	0	6,897.55	-28.98	-25.28	-1,023.13	0	-150	239.59

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	109.32	43.7	0.15	6.04	0.31	159.52
HARYANA	136.46	74.7	1.02	-3.59	-6.53	201
RAJASTHAN	125.8	25.89	0.4	5.14	14.25	171.48
DELHI	98.99	25.13	0.94	2.12	4.91	132.09
UTTAR PRADESH	222.25	11.13	1.87	9.88	6.63	252.07
UTTARAKHAND	34.68	-8.98	0.14	-0.79	1.08	26.13
HIMACHAL PRADESH	14.94	-19.34	-1.78	-1.05	1.63	-5.6
J&K(UT) & LADAKH(UT)	45.43	-4.95	-0.37	-0.23	-11.93	27.95
CHANDIGARH	7.8	1.22	0	-2.78	0.01	6.25
RAILWAYS_NR ISTS	2.56	0.87	0.23	0.11	0.02	3.79
TOTAL	798.23	149.37	2.6	14.85	10.38	974.68

7(B). Short-Term Open Access Details

State	GNA schedule		T-GNA Bilateral (MW)		IEX GDAM (MW)		PXIL GDAM(MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
PUNJAB	5,123.51	4,119.95	2,078.06	1,461.09	144.99	0	0	0
HARYANA	6,382.9	4,964.76	3,631.53	2,569.11	95.66	0	0	0
RAJASTHAN	5,735.77	4,814.51	1,343.68	801.2	54.73	-23.37	0	0
DELHI	4,620.72	3,549.99	1,224.03	793.79	331.87	0	0	0
UTTAR PRADESH	11,436.79	7,086.26	1,960.08	-128.98	180.4	-9.4	0	0
UTTARAKHAND	1,590.8	1,184.87	-293.05	-539.68	20.16	-15.2	0	0
HIMACHAL PRADESH	972.16	335.75	-732	-865.08	-47.57	-88.6	0	0
J&K(UT) & Ladakh(UT)	1,956.7	1,772.01	0	-522	0	-56.7	0	0
CHANDIGARH	360.49	261.44	77.81	29.41	0	0	0	0
RAILWAYS_NR ISTS	117.66	79.66	36.16	36.16	25.1	0	0	0

State	IEX DAM (MW)		PXI DAM(MW)		IEX RTM (MW)		PXI RTM (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
PUNJAB	1,061.83	-50	0	-50	1,834.07	-1,600	0	-100
HARYANA	4.78	-945	0	-100	386.12	-1,385	0	0
RAJASTHAN	1,091.29	-124.92	0	0	1,544.48	-3	289.59	0
DELHI	433.42	-248	0	0	667.02	-231.45	0	0
UTTAR PRADESH	2,523.07	-61.57	0	0	637.13	-760.94	176.58	0
UTTARAKHAND	111.32	-315.84	0	0	198.66	-307.62	0	0
HIMACHAL PRADESH	55.61	-77.31	0	0	317.28	-247.24	0	0
J&K(UT) & LADAKH(UT)	0	-16.3	0	0	73.74	-989.5	0	0
CHANDIGARH	0	-200	0	0	24.13	-10	0	0
RAILWAYS_NR ISTS	25.1	0	0	0	23.17	0	0	0

8.Major Reservoir Particulars

RESERVOIR	Parameters			Present Parameters		LAST YEAR		LAST DAY	
	MDDL (Mts)	FRL (Mts)	Energy Content at FRL	Level (Mts)	Energy (MU)	Level (Mts)	Energy (MU)	Inflow (m3/s)	Usage (m3/s)
Bhakra	445.62	513.59	1,728.8	507.95	1,441	497.63	1,007	1,617.85	1,024.13
Chamera-I	748.75	760	753.95	756.02	13	-	-	413.15	351.52
Gandhisagar	381	399.9	725	-	-	-	-	-	0
Jawahar Sagar	295.96	298.7	2.01	-	-	-	-	-	0
Koteshwar	598.5	612.5	610.73	612.03	6	610.55	5	643.03	657.67
Pong	384.05	426.72	1,084	421.88	976	413.88	634	2,617.47	492.91
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	523.53	351	501.3	113	563.96	203.92
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	822.56	1,008	813.55	833	1,088.29	456
TOTAL	-	-	-	-	3,795	-	2,592	6,943.75	3,186.15

9. System Reliability Indices(Violation of TTC and ATC):

(i)%age of times N-1 Criteria was violated in the inter and intra regional corridors

WR	0
ER	0
Simultaneous	0
Delhi	0
Rajasthan	36.46
UP	0
Punjab	0
Haryana	0

ii)%age of times ATC violated on the inter and intra regional corridors

WR	0
ER	0
Simultaneous	0
Delhi	0
Rajasthan	50.35
UP	0
Punjab	0

Haryana	0
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iii)%age of times Angular Difference on Important Buses was beyond permissible limits(40 deg.)

Rihand-Dadri	0
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10. Zero Crossing Violations

State	No. of violations(Maximum 15 in a day)	Maximum number of continuous blocks without sign change
CHANDIGARH	1	7
DELHI	2	12
HARYANA	6	13
HIMACHAL PRADESH	7	19
J&K(UT) & Ladakh(UT)	9	31
PUNJAB	8	36
RAJASTHAN	9	17
UTTAR PRADESH	5	15
UTTARAKHAND	5	9

11. NCR's and Ladakh Power Supply Position(based on SCADA data)

	Inst Capacity	20:00	03:00	Day Peak			
Station/Constituents	(MW)	Peak MW	Off Peak MW	MW	HRS	Net MU	AVG MW
NCR_GENERATION	9225	5,521	3,272	5549	22:30:00	86.87	3,620
NCR_DRAWAL	-	14,471	13,388	16226	15:00:00	334.77	13,949
NCR_DEMAND	-	19,992	16,660	20958	22:45:00	421.63	17,568
LADAKH_DEMAND	-	12	-9	13	19:45:00	-0.01	0

12. RE/Load Curtailment details

State	Load Curtailment (Shortage)			RE Curtailment				
	Energy	Maximum	At the time of maximum demand	Wind		Solar		Reason
	MU	MW	MW	Max MW	Energy(MU)	Max MW	Energy(MU)	
CHANDIGARH	0	0	0	0	0	0	0	
DELHI	0	0	0	0	0	0	0	
HARYANA	0	0	0	0	0	0	0	
HIMACHAL PRADESH	0	0	0	0	0	0	0	
J&K(UT) & Ladakh(UT)	0.35	220	220	0	0	0	0	
PUNJAB	0	0	0	0	0	0	0	
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	
RAJASTHAN	0	0	0	0	0	0	0	
UTTAR PRADESH	0	0	0	0	0	0	0	
UTTARAKHAND	1.02	295	0	0	0	0	0	

13.Grid Disturbance / Any Other Significant Event:

14.Weather Conditions :

15.Synchronisation of new generating units :

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

17.Instances of persistent/significant non-complaint with the grid code

18.Complete generation loss in a generating station :

19.Remarks :

No Records Found

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.
*Unscheduled Load Shedding carried out by Uttar Pradesh.

Shift In Charge