



GRID CONTROLLER OF INDIA (GRID-INDIA)
NORTHERN REGIONAL LOAD DESPATCH CENTRE
DAILY OPERATION REPORT OF NORTHERN REGION

Power Supply Position in Northern Region For 12-Sep-2025

Date of Reporting:13-Sep-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
75,654	155	75,809	50.07	63,425	0	63,425	49.95	1,640	0.73

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	87.83	22.24	0	5.25	0	1.72	117.05	143.22	143.62	0.4	260.67	0	260.67
HARYANA	61.36	0.71	0.69	1.24	0	0.98	64.98	171.55	171.53	-0.02	236.51	0	236.51
RAJASTHAN	130.29	3.32	1.84	41.52	22.12	4.78	203.87	97.48	92.44	-5.04	296.31	0	296.31
DELHI	0	0	4.21	0	0	1.64	5.85	126.96	126.4	-0.56	132.25	0	132.25
UTTAR PRADESH	295.4	30	0	14.1	0	0.6	340.1	220.74	222.12	1.38	562.22	0	562.22
UTTARAKHAND	0	25	1.13	0.36	0	0	26.49	23.81	24.42	0.61	51.64	0.73	50.91
HIMACHAL PRADESH	0	40.94	0	0.13	0	0	41.06	-3.35	-4.06	-0.71	37	0	37
J&K(UT) & Ladakh(UT)	0	23.07	0	0	0	0	23.07	29.88	30.31	0.43	53.38	0	53.38
CHANDIGARH	0	0	0	0	0	0	0	6.55	6.62	0.07	6.62	0	6.62
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.72	4.2	0.48	4.2	0	4.2
Region	574.88	145.28	7.87	62.6	22.12	9.72	822.47	820.56	817.6	-2.96	1,640.8	0.73	1,640.07

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	10,286	0	19	-557	10,739	8,840	0	20	483
HARYANA	11,210	0	-290	1,494	9,976	9,138	0	67	1,404
RAJASTHAN	13,225	0	98	881	12,327	11,320	0	283	961
DELHI	5,845	0	-42	1,321	5,504	4,845	0	155	1,157
UTTAR PRADESH	28,337	0	220	2,499	23,375	24,111	0	-198	1,213
UTTARAKHAND	2,255	155	141	-124	2,125	1,961	0	56	-186
HIMACHAL PRADESH	1,568	0	43	-76	1,539	1,262	0	-53	-304
J&K(UT) & Ladakh(UT)	2,418	0	57	-447	2,224	1,556	0	158	-1,285
CHANDIGARH	312	0	3	-16	276	218	0	6	-111
RAILWAYS_NR ISTS	198	0	71	45	175	175	0	6	92
Region	75,654	155	320	5,020	68,260	63,426	0	500	3,424

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	12,397	15:00	0	12,397	12,397	15:00	0	12,397	8,840	3:00	-	-	-	-
HARYANA	11,210	20:00	0	11,210	11,210	20:00	0	11,210	8,473	7:00	-	-	-	-
RAJASTHAN	13,457	22:00	0	13,457	13,457	22:00	0	13,457	11,160	4:00	-	-	-	-
DELHI	6,303	15:00	0	6,303	6,303	15:00	0	6,303	4,493	5:00	-	-	-	-
UP	28,746	21:00	0	28,746	28,746	21:00	0	28,746	17,817	7:00	-	-	-	-
UTTARAKHA ..	2,255	20:00	155	2,410	2,410	20:00	155	2,255	1,961	3:00	-	-	-	-
HP	1,844	7:00	0	1,844	1,844	7:00	0	1,844	1,262	3:00	-	-	-	-
J&K(UT)&Lad ..	2,716	14:00	0	2,716	2,716	14:00	0	2,716	1,544	4:00	-	-	-	-
CHANDIGARH	325	15:00	0	325	325	15:00	0	325	212	4:00	-	-	-	-
RAILWAYS_NR ISTS	209	22:00	0	209	209	22:00	0	209	125	14:00	-	-	-	-
NR	75,854	22:00	0	75,854	75,854	22:00	0	75,854	59,889	7:00	-	-	-	-

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	-2	-3	-1.46	01:00	0		0	-0.06	-3
DELHI GAS TURBINES(3 * 34 + 6 * 30)	282	35	35	35.92	03:00	0		0.84	0.78	33
PRAGATI GAS TURBINES(1 * 121.2 + 2 * 104.6)	331	144	148	148.73	13:00	0		3.58	3.49	145
RITHALA GPS(3 * 36)	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	177	180					4.42	4.21	175
WIND	0	0	0	0		0				
BIOMASS(52)	52	62	45	0		0		1.66	1.64	68
SOLAR(2)	2	0	0	0		0				
Total DELHI	2,145	239	225					6.08	5.85	243

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	480	344	497	19:00	341	14:15	9.79	8.89	370
JHAJJAR(CLP)(2 * 660)	1,320	1,205	748	1,212	22:00	736	13:15	23.62	22.1	921
MAGNUM DIESEL (IPP)(4 * 6.3)	25	0	0	0		0				
PANIPAT TPS(1 * 210 + 2 * 250)	710	660	492	661	00:00	521	12:45	14.38	13.01	542
RGTPP(KHEDAR)(2 * 600)	1,200	962	728	962	21:00	698	12:30	17.94	17.37	724
Total THERMAL	3,855	3,307	2,312					65.73	61.37	2,557
FARIDABAD GPS(1 * 156.07 + 2 * 137.75)	432	170	0	170	20:00	0		0.69	0.69	29
Total GAS/NAPTHA/DIESEL	432	170	0					0.69	0.69	29
TOTAL HYDRO HARYANA(64.8)	65	31	27	31	20:00	24	12:00	0.72	0.71	30
Total HYDEL	65	31	27					0.72	0.71	30
WIND	0	0	0	0		0				
BIOMASS(106)	106	0	0	0		0		0.98	0.98	41
SOLAR(196)	196	0	0	0		0		1.24	1.24	52
Total HARYANA	4,654	3,508	2,339					69.36	64.99	2,709

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	131	181	20:00	38	14:00	2.65	2.65	110
BASPA (IPP) HPS(3 * 100)	300	302	302	302	01:00	301	15:00	7.24	7.24	302
MALANA (IPP) HPS(2 * 43)	86	0	0	0	01:00	0	06:00	0	0	0
MALANA2(2 * 50)	100	0	0	0		0				
SAWARA KUDDU(3 * 37)	111	111	111	111	01:00	81	15:00	2.61	2.6	108
OTHER HYDRO HP(503.75)	504	411	360	0		0		8.9	8.87	370
Total HYDEL	1,281	1,005	904					21.4	21.36	890
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	938	839	0		0		19.6	19.58	816
Total SMALL HYDRO	765	938	839					19.6	19.58	816
Total HP	2,065	1,943	1,743					41.13	41.07	1,711

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		19.18	19.18	799
OTHER HYDRO/IPP J&K(308)	308	0	0	0		0		3.9	3.9	163
Total HYDEL	1,208	0	0					23.08	23.08	962
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					23.08	23.08	962

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	461	290	461	19:00	290	02:00	9.04	8.25	344
GURU GOBIND SINGH TPS (ROPAR)(4 * 210)	840	435	371	453	15:00	371	03:00	11	9.82	409
GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)(2 * 210 + 2 * 250)	920	811	621	819	18:00	620	07:00	17.7	16.15	673
RAJPURA(NPL) TPS(2 * 700)	1,400	1,320	675	1,320	18:00	660	04:00	24.7	23.51	980
TALWANDI SABO TPS(3 * 660)	1,980	1,841	924	1,841	18:00	924	03:00	32.32	30.11	1,255
Total THERMAL	5,680	4,868	2,881					94.76	87.84	3,661
ANANADPUR SAHIB HYDRO PLANT(2 * 33.5 + 2 * 33.5)	134	110	110	110	01:00	110	01:00	2.7	2.7	113
MUKERIAN HYDRO PLANT(6 * 15 + 6 * 19.5 + 2 * 9)	225	180	175	180	15:00	175	01:00	4.21	4.2	175
RANJIT SAGAR POWER PLANT (4 * 150)	600	600	450	600	01:00	300	04:00	10.31	10.28	428
SHANAN(4 * 15 + 1 * 50)	110	90	90	90	01:00	90	01:00	2.19	2.19	91
UBDC(3 * 15 + 3 * 15.5)	92	0	0	0	01:00	0	01:00	0	0	0
OTHER HYDRO PUNJAB	0	0	0	0		0		2.88	2.88	120
Total HYDEL	1,161	980	825					22.29	22.25	927
WIND	0	0	0	0		0				
BIOMASS(303)	303	0	0	0		0		1.72	1.72	72
SOLAR(881)	881	58	59	574	12:00	58	19:00	5.25	5.25	219
Total PUNJAB	8,025	5,906	3,765					124.02	117.06	4,879

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	195	213	224	07:00	195	17:00	5.57	5.14	214
CHHABRA TPS(2 * 660 + 4 * 250)	2,320	1,743	1,509	1,777	23:45	1,128	16:00	38.75	35.76	1,490
GIRAL (IPP) LTPS(2 * 125)	250	0	0	0		0				
KALISINDH TPS(2 * 600)	1,200	507	455	515	19:00	319	10:00	10.89	9.89	412
KAWAI TPS(2 * 660)	1,320	611	360	624	22:00	358	13:00	11.01	10.3	429
KOTA TPS(2 * 110 + 2 * 195 + 3 * 210)	1,240	904	697	919	22:00	688	10:00	20.53	18.07	753
RAJWEST (IPP) LTPS(8 * 135)	1,080	702	700	709	01:00	548	10:00	17.4	15.12	630
SURATGARH TPS (6 * 250 + 2 * 660(SSCTPS))	2,820	1,832	1,468	1,902	22:00	1,331	12:00	39.04	36.02	1,501
VSLPP (IPP)(1 * 135)	135	0	0	0		0				
Total THERMAL	10,615	6,494	5,402					143.19	130.3	5,429
DHOLPUR GPS(3 * 110)	330	0	0	0		0				
RAMGARH GPS(1 * 110 + 1 * 35.5 + 1 * 50 + 2 * 37.5)	271	72	74	74	08:00	72	15:00	1.9	1.84	77
Total GAS/NAPTHA/DIESEL	601	72	74					1.9	1.84	77
RAPS-A(1 * 100 + 1 * 200)	300	174	176	178	15:00	174	08:00	4.64	4.3	179
Total NUCLEAR	300	174	176					4.64	4.3	179
TOTAL HYDRO RAJASTHAN(550)	550	218	154	231	21:00	96	14:00	3.33	3.32	138
Total HYDEL	550	218	154					3.33	3.32	138
WIND(1 * 4328)	4,328	680	923	1,020	02:00	701	07:00	22.12	22.12	922
BIOMASS(102)	102	20	20	20	01:00	20	06:00	0.48	0.48	20
SOLAR(4568)	4,568	0	0	5,438	12:00	0	06:00	41.52	41.52	1,730
Total RAJASTHAN	21,064	7,658	6,749					217.18	203.88	8,495

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	1,385	1,383	1,389	22:00	950	09:00	33.6	31.1	1,296
ANPARA-C TPS(2 * 600)	1,200	1,092	1,105	1,110	18:00	703	09:00	27.6	25.5	1,063
ANPARA-D TPS(2 * 500)	1,000	938	950	950	03:00	681	09:00	23.6	22.1	921
BAJAJ ENERGY PVT LTD (IPP) TPS(10 * 45)	450	406	226	406	19:00	226	01:00	6.9	6.2	258
BARA PPGCL TPS(3 * 660)	1,980	1,705	1,723	1,723	03:00	1,053	14:00	40.8	37.8	1,575
GHATAMPUR TPS (1*660)	660	566	562	571	23:59	308	10:00	12	10.8	450
HARDUAGANJ TPS(1 * 110 + 2 * 250 + 1*660)	1,270	1,040	634	1,040	20:00	618	14:00	19.4	17.5	729
INFIRM POWER	660	0	0	0		0				
JAWAHARPUR TPS(2*660)	1,320	1,064	334	1,064	20:00	330	02:00	17.7	15.9	663
JP CHURK(3 * 60)	180	0	0	0		0				
KHURJA TPS(1 * 660)	660	598	601	601	03:00	356	08:00	14.5	13	542
LALITPUR TPS(3 * 660)	1,980	1,809	1,809	1,840	23:00	1,013	08:00	37.2	34.9	1,454
MEJA TPS(2 * 660)	1,320	1,197	1,084	1,198	23:59	680	08:00	24.5	23	958
OBRA TPS (5 * 200+1*660)	1,660	585	711	717	02:00	567	12:00	16.6	15	625
PANKI_I TPS(1 * 660)	660	461	347	584	20:00	333	06:00	10.4	9.4	392
PARICHA TPS(2 * 210 + 2 * 250)	920	781	484	781	20:00	478	05:00	15.1	13.7	571
ROSA TPS(4 * 300)	1,200	1,065	651	1,079	23:00	585	09:00	21.3	19.5	813
TANDA TPS(4 * 110)	440	0	0	0		0				
Total THERMAL	19,190	14,692	12,604					321.2	295.4	12,310
ALAKHANANDA HEP(4 * 82.5)	330	352	353	354	01:00	350	16:00	8.5	8.5	354
RIHAND HPS(6 * 50)	300	280	280	280	01:00	280	01:00	6.7	6.7	279
VISHNUPARYAG HPS(4 * 110)	440	436	436	436	01:00	436	01:00	10.5	10.5	438
OTHER HYDRO UP(227)	227	177	180	188	23:00	169	21:00	4.3	4.3	179
Total HYDEL	1,297	1,245	1,249					30	30	1,250
WIND	0	0	0	0		0				
BIOMASS(26)	26	0	0	0		0				
SOLAR(2430)	2,642	0	0	2,000	12:00	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	15,962	13,878					365.9	340.1	14,173

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	48	48	50	07:00	47	16:00	1.18	1.13	47
SARAVANTI	450	0	0	0		0				
Total GAS/NAPTHA/DIESEL	675	48	48					1.18	1.13	47
OTHER HYDRO UK(1250)	1,250	1,000	1,121	1,125	04:00	942	12:00	25.08	25	1,042
Total HYDEL	1,250	1,000	1,121					25.08	25	1,042
WIND	0	0	0	0		0				
BIOMASS(127)	127	0	0	0		0				
SOLAR(278)	278	0	0	88	12:00	9	17:00	0.36	0.36	15
SMALL HYDRO(180)	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	1,048	1,169					26.62	26.49	1,104

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	1,387	922	1,505	19:15	830	23:45	21.87	23.83	22.11	0.19	921	0.05
Sub-Total	1,500	1,411	1,387	922	-	-	-	-	21.87	23.83	22.11	0.19	921	0.05
BBMB														
BHAKRA HPS(5 * 126 + 5 * 157)	1,415	1,362	1,402	1,401	1,402	20:00	1,401	01:00	32.69	33.49	32.97	0	1,374	0.28
DEHAR HPS(6 * 165)	990	480	495	495	495	20:00	495	01:00	11.52	11.95	11.65	0	485	0.13
PONG HPS(6 * 66)	396	352	360	360	360	20:00	360	01:00	8.45	8.69	8.48	0	353	0.03
Sub-Total	2,801	2,194	2,257	2,256	-	-	-	-	52.66	54.13	53.1	0	2,212	0.44
NHPC														
BAIRASIUL HPS(3 * 60)	180	186	185	188	188	03:00	118.8	09:00	3.74	3.92	3.88	0	162	0.14
CHAMERA I HPS(3 * 180)	540	360	354	233	362	10:00	233.24	03:00	6.98	7.01	6.9	0	288	-0.08
CHAMERA II HPS(3 * 100)	300	208	203	199	203	19:00	198.73	11:00	4.77	4.81	4.77	0	199	0
CHAMERA III HPS(3 * 77)	231	240	227	155	227	20:00	0	-	2.36	2.34	2.31	0	96	-0.05
DHAULIGANGA HPS(4 * 70)	280	210	211	211	213	23:00	204	09:00	4.99	5.05	5.04	0	210	0.05
DULHASTI HPS(3 * 130)	390	128	132	132	134	11:00	126.8	09:00	3.08	3.17	3.12	0	130	0.04
KISHANGANGA(3 * 110)	330	336	336	110	337	22:00	109.2	13:00	4.03	4.07	4.07	0	170	0.04
PARBATI III HEP(4 * 130)	520	180	139	134	181	22:00	49.46	21:00	3.06	3.13	3.09	0	129	0.03
PARBATI-II(4 * 200)	800	0	0	0	0	-	0	01:00	0	0	0.02	0	1	0.02
SALAL HPS(6 * 115)	690	705	712	721	721	04:00	710	23:00	16.96	17.22	16.98	0	708	0.02
SEWA-II HPS(3 * 40)	120	126	128	125	128	20:00	125.17	12:00	2.96	3.05	3.02	0	126	0.06
TANAKPUR HPS(1 * 31.42 + 2 * 31.4)	94	0	0	70	71	00:00	0	10:00	0.69	0.55	0.55	0	23	-0.14
URI HPS(4 * 120)	480	480	309	242	460	12:00	0	-	8.33	8.32	8.26	0	344	-0.07
URI-II HPS(4 * 60)	240	220	234	232	235	17:15	231.27	06:30	5.35	5.64	5.6	0	233	0.25
Sub-Total	5,195	3,379	3,170	2,752	-	-	-	-	67.3	68.28	67.61	0	2,819	0.31
NPCL														
NAPS(2 * 220)	440	187	214	217	218	07:00	0	-	4.49	5.12	4.52	0	188	0.03
RAPP-D	700	490	0	0	0	-	0	-	11.58	12.76	11.44	0	477	-0.14
RAPS-B(2 * 220)	440	353	395	405	405	03:00	393	17:00	8.47	9.62	8.51	0	355	0.04
RAPS-C(2 * 220)	440	408	451	450	451	08:00	450	01:00	9.79	10.86	9.78	0	408	-0.01
Sub-Total	2,020	1,438	1,060	1,072	-	-	-	-	34.33	38.36	34.25	0	1,428	-0.08
NTPC														
ANTA GPS(1 * 153.2 + 3 * 88.71)	419	384	376	161	376	20:00	0	-	4.59	4.62	4.48	0	187	-0.11
AURAIYA GPS(2 * 109.3 + 4 * 111.19)	663	636	503	185	503	20:00	0	-	6.32	5.9	5.72	0	238	-0.6
DADRI GPS(2 * 154.51 + 4 * 130.19)	830	730	230	707	743	-	0	-	7.64	7.76	7.45	0	310	-0.19
DADRI-I TPS(4 * 210)	840	769	722	466	722	20:00	0	-	11.06	12.83	11.52	0	480	0.46
DADRI-II TPS(2 * 490)	980	919	834	587	834	20:00	0	-	14.1	15.21	14.12	0	588	0.02
KOLDAM HPS(4 * 200)	800	871	868	867	869	00:00	0	-	20.51	20.88	20.76	0	865	0.25
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	4.04	2.01	2.01	0	84	-2.03
RIHAND-I STPS(2 * 500)	1,000	450	482	500	500	03:00	294	10:00	9.43	10.27	9.23	-0.06	385	-0.14
RIHAND-II STPS(2 * 500)	1,000	943	954	1,015	1,015	03:00	543	13:00	20.11	21.34	19.92	-0.04	830	-0.15
RIHAND-III STPS(2 * 500)	1,000	943	967	999	999	03:00	539	13:00	19.94	20.96	19.76	-0.1	823	-0.08
SINGRAULI HYDRO(1 * 8)	8	0	0	0	0	-	0	-	0	0	0	0	0	0
SINGRAULI STPS(2 * 500 + 5 * 200)	2,000	1,375	1,486	1,511	1,486	20:00	0	-	28.03	30.97	27.79	0	1,158	-0.24
TANDA TPS STAGE-II(2 * 660)	1,320	1,244	1,199	1,189	1,199	20:00	0	-	24.3	25.89	24.08	0	1,003	-0.22
UNCHAHAH II TPS(2 * 210)	420	375	402	250	418	19:00	238	08:00	5.86	6.89	6.08	0.05	253	0.17
UNCHAHAH III TPS(1 * 210)	210	189	200	125	213	19:00	119	09:00	2.96	3.42	3.07	0.15	128	-0.04
UNCHAHAH IV TPS(1 * 500)	500	466	460	304	506	06:00	283	09:00	8.11	8.88	8.29	0.21	345	-0.03
UNCHAHAH TPS(2 * 210)	420	175	204	127	204	20:00	122	16:00	2.99	3.56	3.01	0	125	0.02
Sub-Total	12,655	10,469	9,887	8,993	-	-	-	-	189.99	201.39	187.29	0.21	7,802	-2.91
SJVNL														
NATHPA-JHAKRI HPS(6 * 250)	1,500	1,630	1,486	1,502	1,513	08:00	1,327	09:00	34.75	35.18	34.9	0	1,454	0.15
RAMPUR HEP(6 * 68.67)	412	449	412	416	421	05:00	377	09:00	9.53	9.78	9.71	0	405	0.18
Sub-Total	1,912	2,079	1,898	1,918	-	-	-	-	44.28	44.96	44.61	0	1,859	0.33
THDC														
KOTESHWAR HPS(4 * 100)	400	406	400	372	413	19:00	88	10:00	5.86	5.93	5.92	0.03	247	0.03
TEHRI HPS(4 * 250)	1,000	1,072	1,048	1,081	1,085	16:00	0	09:00	17.96	17.99	17.89	-0.01	745	-0.06
TEHRI PSP(4 * 250)	1,000	250	250	0	250	-	0	-	0.25	1.11	0.56	0	23	0.31
Sub-Total	2,400	1,728	1,698	1,453	-	-	-	-	24.07	25.03	24.37	0.02	1,015	0.28

Total	28,483	22,698	21,357	19,366					434.5	455.98	433.34	0.42	18,056	-1.58
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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	0	0	0	0	-	0	-	0	0	0	0	0
BUDHIL HPS (IPP)(2 * 35)	70	36	38	38	38	07:00	0	-	0.9	0.91	0.9	38	0
KARCHAM WANGTOO HPS(4 * 261.25)	1,045	1,126	1,045	1,045	1,045	18:45	1,045	11:00	24.64	24.97	24.8	1,033	0.16
SAINJ HEP(2 * 50)	100	0	0	0	0	-	0	-	0	-	-	-	-
SHREE CEMENT (IPP) TPS(2 * 150)	300	338	0	0	0	-	0	-	4.16	4.4	4.11	171	-0.05
SINGOLI BHATWARI HEP(3 * 33)	99	107	108	108	108	20:00	0	-	2.3	2.6	2.58	108	0.28
SORANG HYDROELECTRIC PROJECT(2 * 50)	100	76	101	83	101	18:00	0	-	2.12	2.09	2.09	87	-0.03
Sub-Total	1,906	1,683	1,292	1,274	-	-	-	-	34.12	34.97	34.48	1,437	0.36
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	357	0	0	0	0	-	0	-	2.9	2.36	2.36	98	-0.54
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	1.61	1.65	1.65	69	0.04
ACME CHITTORGARH SOLAR ENERGY PVT LTD(1 * 250)	250	0	0	0	229	12:00	0	-	1.58	1.61	1.61	67	0.03
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	315	11:12	0	-	2.25	2.26	2.25	94	0
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	2.3	2.27	2.27	95	-0.03
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	317	11:02	0	-	2.26	2.27	2.27	95	0.01
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	315	11:12	0	-	2.25	2.25	2.24	93	-0.01
ACME SIKAR SOLAR PRIVATE LIMITED	53	0	0	0	0	-	0	-	1.44	1.46	1.46	61	0.02
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	315	11:31	0	-	2.26	2.25	2.24	93	-0.02
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.63	0.71	0.71	30	0.08
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.61	0.7	0.7	29	0.09
ADANI GREEN ENERGY TWENTY FOUR LIMITED	405	0	0	0	403	09:50	0	-	2.59	2.66	2.64	110	0.05
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)(1 * 200)	200	0	0	0	209	12:33	0	-	1.36	1.42	1.42	59	0.06
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	150	11:00	0	-	1.11	1.12	1.12	47	0.01
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150)	150	0	0	0	137	11:00	0	-	1.04	1.1	1.09	45	0.05
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.3	0.35	0.35	15	0.05
ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150)	150	0	0	0	150	12:27	0	-	1.08	1.13	1.13	47	0.05
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	175	14:24	0	-	1.56	1.36	1.36	57	-0.2
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	117	15:15	0	-	0.72	0.71	0.71	30	-0.01
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	331	12:27	0	-	2.41	2.51	2.5	104	0.09
AMBUJA CEMENTS LIMITED	150	0	0	0	0	-	0	-	1.02	1.04	1.04	43	0.02
AMP ENERGY GREEN FOUR PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.58	2.64	2.64	110	2.06
AMPLUS AGES PRIVATE LIMITED(1*100)	100	0	0	0	94	15:46	0	-	0.61	0.67	0.67	28	0.06
AURAIYA SOLAR(1 * 40)	40	0	0	0	0	-	0	-	0.16	0.19	0.18	8	0.02
AVAADA RJHN PRIVATE LIMITED(1*240)	240	0	0	0	246	12:05	0	-	1.74	1.75	1.75	73	0.01
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER(1 * 350)	350	0	0	0	365	12:16	0	-	2.48	2.56	2.56	107	0.08
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	328	11:58	0	-	2.32	2.28	2.28	95	-0.04
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	314	11:21	0	-	2.19	2.24	2.24	93	0.05
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	299	14:10	0	-	2.23	2.3	2.3	96	0.07
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	249	09:46	0	-	1.59	1.63	1.63	68	0.04
AZURE POWER FORTY THREE PRIVATE LIMITED(1 * 150 + 1 * 150 + 1 * 300)	600	0	0	0	427	10:30	0	-	3.67	3.42	3.42	143	-0.25
AZURE POWER INDIA PVT LTD.(4 * 50)	200	0	0	0	196	12:42	0	-	1.25	1.33	1.33	55	0.08
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	270	12:45	0	-	1.9	1.95	1.95	81	0.05
AZURE POWER THIRTY FOUR PRIVATE LTD(1 * 130)	130	0	0	0	134	13:17	0	-	0.91	0.95	0.95	40	0.04
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	1.03	1.61	1.61	67	0.58
CLEAN SOLAR POWER (BHADLA) PVT LTD(1 * 300)	300	0	0	0	298	12:00	0	-	2.06	2.08	2.08	87	0.02
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	245	12:25	0	-	1.73	1.73	1.72	72	-0.01

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	-	1.47	1.47	1.47	61	0
EDEN RENEWABLE ALMA PRIVATE LIMITED	100	0	0	0	258	15:46	0	-	1.49	1.61	1.61	67	0.12
EDEN RENEWABLE CITE PRIVATE LIMITED(1 * 300)	300	0	0	0	305	11:40	0	-	2	2.23	2.23	93	0.23
FATEHGARH SOLAR PV PROJECT(1*296)	296	0	0	0	0	-	0	-	2.05	2.08	2.08	87	0.03
GORBEA SOLAR PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.62	1.68	1.68	70	0.06
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	93	15:58	0	-	0.63	0.67	0.67	28	0.04
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	84	09:42	0	-	0.57	0.56	0.56	23	-0.01
JUNA RENEWABLE ENERGY PRIVATE LIMITED	168	0	0	0	0	-	0	-	1.42	1.46	1.46	61	0.04
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	43	15:17	0	-	0.28	0.28	0.28	12	0
KARNISAR SOLAR PLANT NHPC LIMITED	107	0	0	0	178	09:49	0	-	0.94	1.17	1.17	49	0.23
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	250	0	0	0	0	-	0	-	1.53	1.61	1.61	67	0.08
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	3.2	3.32	3.32	138	0.12
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED(1 * 50)	50	0	0	0	47	13:24	0	-	0.33	0.33	0.33	14	0
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED(1 * 50)	50	0	0	0	46	12:49	0	-	0.31	0.33	0.33	14	0.02
M/S AZURE POWER FORTY ONE PRIVATE LIMITED(1 * 300)	300	0	0	0	298	11:45	0	-	2.02	2.12	2.12	88	0.1
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	93	15:46	0	-	0.62	0.66	0.66	28	0.04
MEGA SOILS RENEWABLE PRIVATE LIMITED(1 * 250)	250	0	0	0	0	-	0	-	1.37	1.46	1.46	61	0.09
MEGA SURYAURJA PVT LTD(1*250)	250	0	0	0	0	-	0	-	1.7	1.64	1.64	68	-0.06
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.65	0.61	0.61	25	-0.04
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	158	0	0	0	0	-	0	-	0.96	0.96	0.96	40	0
NOKHRA SOLAR POWER NTPC	300	0	0	0	0	-	0	-	1.44	1.51	1.51	63	0.07
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)(1 * 300)	300	0	0	0	302	11:26	0	-	1.92	2.07	2.07	86	0.15
RENEW SURYA RAVI PVT LTD(1*300)	300	0	0	0	235	15:15	0	-	1.47	1.58	1.58	66	0.11
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	0	-	0	-	1.87	2.03	2.03	85	0.16
RENEW SOLAR POWER PVT LTD(50)	50	0	0	0	231	12:09	0	-	0.37	0.38	0.38	16	0.01
RENEW SOLAR POWER PVT LTD. BIKANER(1 * 250)	250	0	0	0	0	-	0	-	1.68	1.66	1.66	69	-0.02
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	274	12:13	0	-	1.88	1.85	1.85	77	-0.03
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	305	12:29	0	-	1.77	1.99	1.98	83	0.21
RENEW SURYA JYOTI PRIVATE LIMITED	185	0	0	0	0	-	0	-	1.08	1.03	1.03	43	-0.05
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	197	11:48	0	-	1.33	1.35	1.35	56	0.02
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	1.79	1.83	1.83	76	0.04
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	97	11:03	0	-	0.63	0.66	0.66	28	0.03
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	211	12:07	0	-	1.41	1.42	1.41	59	0
SB ENERGY FOUR PVT LTD(2 * 100)	200	0	0	0	193	10:55	0	-	1.32	1.38	1.38	58	0.06
SB ENERGY SIX PRIVATE LIMITED(1 * 300)	300	0	0	0	304	12:00	0	-	2.07	2.29	2.29	95	0.22
SJVN GREEN ENERGY LIMITED	242	0	0	0	434	09:46	0	-	2.23	2.8	2.76	115	0.53
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED .BKN2	168	0	0	0	0	-	0	-	1.13	1.19	1.19	50	0.06
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	176	0	0	0	229	16:08	0	-	1.48	1.56	1.56	65	0.08
SINGRAULI SOLAR(15)	15	0	0	0	14	13:00	0	-	0.06	0.07	0.07	3	0.01
SOLZEN URJA PRIVATE LIMITED(1 * 300)	300	0	0	0	281	11:30	0	-	1.84	1.94	1.94	81	0.1
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	84	15:17	0	-	0.16	0.54	0.54	23	0.38
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	235	12:01	0	-	1.58	1.64	1.64	68	0.06
TATA POWER RENEWABLE ENERGY LTD(1 * 300)	300	0	0	0	293	12:35	0	-	2.1	2.01	1.97	82	-0.13
TATA POWER SAURYA LIMITED	110	0	0	0	86	09:32	0	-	0.57	0.57	0.57	24	0
THAR SURYA IPRIVATE LIMITED(1*300)	300	0	0	0	295	14:30	0	-	2.16	2.2	2.2	92	0.04
TRANSITION ENERGY SERVICES PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.39	0.55	0.55	23	0.16
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	106	15:33	0	-	0.65	0.66	0.66	28	0.01
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	54	15:25	0	-	0.34	0.32	0.32	13	-0.02
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.36	0.29	0.29	12	-0.07
UNCHAHAHAR SOLAR(10)	10	0	0	0	6	10:00	0.19	06:00	0.04	0.04	0.04	2	0

XL XERGI POWER PRIVATE LIMITED	400	0	0	0	0	-	0	-	1.72	1.74	1.74	73	0.02
Sub-Total	18,548	0	0	0	-	-	-	-	123.75	129.94	129.75	5,413	6
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	572	11:01	0	-	4.9	5.03	5.02	209	0.12
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	64	111	197	12:30	0	-	3.76	1.92	1.92	80	-1.84
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	361	10:58	0	-	2.72	2.73	2.73	114	0.01
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	34	43	53	02:00	0	-	0.8	0.86	0.86	36	0.06
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	297	-	0	-	2.64	2.54	2.54	106	-0.1
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	24	30	47	12:15	0	-	0.7	0.61	0.61	25	-0.09
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	298	10:00	0	-	2.58	2.58	2.58	108	0
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	21	37	48	05:15	0	-	0.68	0.65	0.65	27	-0.03
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	420	12:11	0	-	3.03	2.83	2.83	118	-0.2
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	23	50	82	00:15	0	-	0.99	0.91	0.91	38	-0.08
Sub-Total	2,846	0	166	271	-	-	-	-	22.8	20.66	20.65	861	-2.15
Total	23,300	1,683	1,458	1,545					180.67	185.57	184.88	7,711	4.21

Summary Section						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	66,474	36,264	29,868	873.37	822.52	34,276
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		10,597	8,555	219.92	219.92	10,089
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		-56	-63	1.47	1.47	69
Total Regional Availability(Gross)	118,257	69,620	59,271	1,736.31	1,662.13	70,201

Total Hydro Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	11,183	10,520	243.85	240.82	10,036
State Control Area Hydro	7,855	5,417	5,119	145.5	145.3	6,055
Total Regional Hydro	22,577	16,600	15,639	389.35	386.12	16,091

Total Renewable Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	21,639	166	271	152.61	152.41	6,358
State Control Area Renewable	13,630	820	1,047	89.56	89.54	3,732
Total Regional Renewable	35,269	986	1,318	242.17	241.95	10,090

Total Solar Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	20,773	0	0	147.66	147.46	6,152
State Control Area Solar	8,586	58	59	62.6	62.6	2,609
Total Solar	29,359	58	59	210.26	210.06	8,761

Total Wind Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	166	271	4.95	4.95	206
State Control Area Wind	4,328	680	923	22.12	22.12	922
Total Wind	5,194	846	1,194	27.07	27.07	1,128

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	0.68	-0.68
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	1.35	0	1.35
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	1.53	0	1.53
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	1.21	0	1.21
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	3.32	0	3.32
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	12.93	0	12.93
10	400KV-Gorakhpur (UP)-Motihari(DMT)	-	-436	490	168	4.91	0	4.91
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	-525	-672	805	194	8.85	0	8.85

Import/Export between EAST REGION and NORTH REGION								
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	1.31	0	1.31
13	400KV-Varanasi (PG)-Sasaram(PG)	98	0	104	0	1.64	0	1.64
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	10.15	0	10.15
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	0	0.8	-0.8
16	765KV-Varanasi (PG)-Gaya(PG)	339	550	820	985	0.44	0	0.44
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	-	-	-	-	9.34	0	9.34
Sub-Total EAST REGION		-88	-558	2,219	1,347	56.98	1.48	55.5
Import/Export between NORTH_EAST REGION and NORTH REGION								
1	HVDC800KV-Agra (PG)-Biswanath Charialli(PG)	-	-	-	-	7.25	0	7.25
Sub-Total NORTH_EAST REGION		0	0	0	0	7.25	0	7.25
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)	-117	-68	-	218	0	2.07	-2.07
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	130	115	140	-	2.9	0	2.9
6	220KV-Ranpur (RS)-Bhanpura(MP)	110	96	110	-	2.33	0	2.33
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-260	-407	-571	542	1.2	0	1.2
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	8.97	-8.97
10	400KV-RAPS C (NP)-Sujalpur	101	112	239	861	0	5.97	-5.97
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-841	-803	0	-954	0	12.97	-12.97
13	765KV-0rai-Jabalpur	1,760	1,554	2,230	0	21.45	0	21.45
14	765KV-0rai-Satna	657	626	796	0	11.26	0	11.26
15	765KV-Agra (PG)-Gwalior(PG)	-	-	-	-	21.31	0	21.31
16	765KV-Chittorgarh-Banaskata D/C	1,078	993	-63	1,808	0	20.44	-20.44
17	765KV-Phagi (RJ)-Gwalior(PG)	1,371	1,295	1,612	-	8.63	0	8.63
18	765KV-Varanasi (PG)-Vindhyachal(PG)	2,543	1,549	3,045	0	43.54	0	43.54
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	2,003	2,001	2,004	0	45.83	0	45.83
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	150	50	150	0	2.71	0	2.71
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	2,000	2,000	2,000	0	46.43	0	46.43
Sub-Total WEST REGION		10,685	9,113	11,692	2,475	207.59	50.42	157.17
TOTAL IR EXCHANGE		10,597	8,555	13,911	3,822	271.82	51.9	219.92

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	98.54	17.76	0	-0.44	0	91.61	55.5	-36.11
NR-NORTH_EAST REGION	0	0	0	0	0	0	7.25	7.25
NR-WR	163.38	75.66	0	-43.22	0	142.81	157.17	14.36
Total	261.92	93.42	0	-43.66	0	234.42	219.92	-14.5

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)	-56	-63	68.784	0	1.47	0	1.47	0
132KV-Nautanwa (UP)-Mainhiya (Nepal)							0	0

5.Frequency Profile

RANGE(Hz)	< 49.2	< 49.7	< 49.8	< 49.9	< 50.0	>= 49.9 - <= 50.05	> 50.05 - <= 50.1	> 50.1 - <= 50.2	> 50.2	> 50.05
%	0	0	0	3.24	46.1	83.82	11.49	1.45	0	12.94

<-----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.	
50.16	17:02:20	49.85	10:51:00	50	0.022	0.047	50.08	49.88	16.18

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index (% of time)
					< 380	< 390	> 420	> 430	
Abdullapur(PG) - 400KV	412	04:00	398	14:50	0	0	0	0	0
Amritsar(PG) - 400KV	410	03:50	394	09:40	0	0	0	0	0
Ballabgarh(PG) - 400KV	415	05:00	393	11:50	0	0	0	0	0

Bareilly II(PG) - 400KV	412	07:40	395	20:45	0	0	0	0	0
Bareilly(UP) - 400KV	413	07:40	395	20:45	0	0	0	0	0
Baspa(HP) - 400KV	406	00:35	393	14:10	0	0	0	0	0
Bassi(PG) - 400KV	418	04:00	393	09:45	0	0	0	0	0
Bawana(DTL) - 400KV	418	04:00	397	11:50	0	0	0	0	0
Dadri HVDC(PG). - 400KV	414	05:00	398	11:50	0	0	0	0	0
Gorakhpur(PG) - 400KV	414	08:25	390	19:10	0	0	0	0	0
Hisar(PG) - 400KV	417	04:00	393	11:50	0	0	0	0	0
Kanpur(PG) - 400KV	416	08:00	397	22:50	0	0	0	0	0
Kashipur(UT) - 400KV	415	07:00	407	20:55	0	0	0	0	0
Kishenpur(PG) - 400KV	412	04:20	399	11:50	0	0	0	0	0
Moga(PG) - 400KV	412	03:50	397	09:40	0	0	0	0	0
Nallagarh(PG) - 400KV	406	00:35	393	14:10	0	0	0	0	0
Rihand HVDC(PG) - 400KV	406	13:00	395	19:15	0	0	0	0	0
Rihand(NT) - 400KV	404	13:05	397	23:15	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	789	15:35	775	00:00	0	0	0	0	0
Balia(PG) - 765KV	785	08:25	750	22:45	0	0	0	0	0
Bareilly II(PG) - 765KV	781	07:40	748	20:45	0	0	0	0	0
Bhiwani(PG) - 765KV	798	04:25	761	11:20	0	0	0	0	0
Fatehpur(PG) - 765KV	787	08:00	754	23:00	0	0	0	0	0
Jhatikara(PG) - 765KV	792	04:00	750	11:35	0	0	0	0	0
Lucknow II(PG) - 765KV	787	08:25	741	20:05	0	1.39	0	0	0
Meerut(PG) - 765KV	792	04:00	756	11:15	0	0	0	0	0
Moga(PG) - 765KV	797	16:30	756	11:35	0	0	0	0	0
Phagi(RJ) - 765KV	800	04:00	764	09:45	0	0	.69	0	.69
Unnao(UP) - 765KV	779	08:25	746	22:50	0	0	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	982.71	0	0	-500	0	0	0	982.71	0.07	-349.44	-990	0	-100	-100
HARYANA	2,032.85	5.98	-635	0	0	0	0	1,490.53	0.16	1.36	2.44	0	0	0
RAJASTHAN	975.96	-16.75	2.15	0	0	0	0	896.04	-18.52	-33.75	37.45	0	0	0
DELHI	1,101.96	0.77	-91	145.24	0	0	0	1,261.78	13.53	109.75	-64.26	0	0	0
UTTAR PRADESH	222.67	92.76	264.93	632.64	0	0	0	1,977.06	7.26	48.91	369.45	0	0	96.73
UTTARAKHA ..	-245	-11.2	66.26	3.85	0	0	0	-245	-15.2	41.57	94.18	0	0	0
HIMACHAL PRADESH	-15.62	-61	0	-227.53	0	0	0	-16.73	-21	-7.81	-30.92	0	0	0
J&K(UT) & LADAKH(UT)	-300	-48.3	-14.4	-922.7	0	0	0	-426	-48.29	-16.3	43.46	0	0	0
CHANDIGARH	63.94	0	-175	0	0	0	0	81.09	0	-89.99	-7	0	0	0
RAILWAYS_NRISTS	31.72	28.09	31.82	0	0	0	0	31.72	0.56	4.59	8.26	0	0	0
TOTAL	4,851.19	-9.65	-550.24	-868.5	0	0	0	6,033.2	-81.43	-291.11	-536.94	0	-100	-3.27

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	119.83	26.88	0.03	-4.76	1.24	143.22
HARYANA	139.73	49.38	0.74	-12.4	-5.08	171.58
RAJASTHAN	92.73	20.61	-0.52	-7.59	-7.75	97.48
DELHI	94.94	26.24	0.09	1.75	3.94	126.96
UTTAR PRADESH	195.53	12.5	2.13	1.41	8.66	220.74
UTTARAKHAND	24.82	-5.56	-0.19	3.33	2.53	23.82
HIMACHAL PRADESH	0.42	-0.23	-1	-0.55	-1.99	-3.35
J&K(UT) & LADAKH(UT)	41.04	-3.96	-0.71	-0.23	-6.26	29.88
CHANDIGARH	7.05	1.36	0	-2.01	0.15	6.55
RAILWAYS_NR ISTS	1.87	0.76	0.3	0.58	0.21	3.72
TOTAL	717.96	127.98	0.87	-20.47	-4.35	820.6

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	5,308.37	4,605.8	1,446.91	982.71	9.67	0	0	0
HARYANA	6,764.03	4,906.13	2,744.93	766.53	102.24	0	0	0
RAJASTHAN	4,713.61	2,504.37	1,106.55	657.75	30.35	-51.6	0	0
DELHI	4,357.36	3,471.3	1,460.98	761.73	19.25	0	0	0
UTTAR PRADESH	10,321	5,785.23	1,977.68	-67.52	208.65	-10.62	10.64	0
UTTARAKHAND	1,221.17	882.13	-204.85	-245	0.38	-21.2	0	0
HIMACHAL PRADESH	431.04	-238.44	0.64	-16.79	-9.4	-61	0	0
J&K(UT) & Ladakh(UT)	1,780.45	1,662.71	0	-426	0	-48.3	0	0
CHANDIGARH	331.42	230.6	81.09	29.46	0	0	0	0
RAILWAYS_NR ISTS	77.66	77.66	31.72	31.72	59.01	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	9.67	-1,200	0	-100	2,031.33	-1,190	0	-100
HARYANA	7.45	-1,660.46	0	0	386.92	-1,100	0	0
RAJASTHAN	48.6	-1,152.42	0	0	295.34	-1,107.2	0	0
DELHI	469.17	-181.16	0	0	699.84	-325.61	0	0
UTTAR PRADESH	1,299.72	-1,982.98	0	-100	1,279.02	-702.94	193.46	0
UTTARAKHAND	443.99	0	0	0	301.82	0	0	0
HIMACHAL PRADESH	8.22	-121.18	0	0	207.23	-227.53	0	0
J&K(UT) & LADAKH(UT)	0	-16.3	0	0	79	-922.7	0	0
CHANDIGARH	0	-185	0	0	42.56	-18	0	0
RAILWAYS_NR ISTS	59.97	0	0	0	39.82	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	511.64	1,636	501.74	1,166	1,386.67	1,041.72
Chamera-I	748.75	760	753.95	756	7	-	-	399	189.91
Gandhisagar	381	399.9	725	-	-	-	-	-	0
Jawahar Sagar	295.96	298.7	2.01	-	-	-	-	-	0
Koteshwar	598.5	612.5	610.73	611.65	5	610.75	5	383	391.61
Pong	384.05	426.72	1,084	423.7	1,066	416	718	1,351.87	484.98
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	524.56	361	500.94	113	515.57	360.46
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	828.52	1,133	827.02	1,101	401.03	383
TOTAL	-	-	-	-	4,208	-	3,103	4,437.14	2,851.68

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	0
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	0
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	0	5
DELHI	5	19
HARYANA	7	17
HIMACHAL PRADESH	6	19
J&K(UT) & Ladakh(UT)	4	12
PUNJAB	6	15
RAJASTHAN	8	22
UTTAR PRADESH	2	9
UTTARAKHAND	6	22

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	5,913	3,881	6338	19:15:00	102.08	4,253
NCR_DRAWAL	-	13,717	13,278	15006	00:00:00	319.9	13,329
NCR_DEMAND	-	19,630	17,159	19970	19:00:00	421.98	17,582
LADAKH_DEMAND	-	11	-8	12	19:30:00	-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	0	0	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	0.725	285	155	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