



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

Power Supply Position in Northern Region For 31-Aug-2025

Date of Reporting:01-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
59,015	0	59,015	50.06	57,648	0	57,648	50	1,325	0

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	56.3	25.76	0	2.65	0	1.72	86.42	74.7	73.04	-1.66	159.46	0	159.46
HARYANA	42.78	0.23	0	0.58	0	0.96	44.55	139.92	137.17	-2.75	181.72	0	181.72
RAJASTHAN	119.47	3.55	1.81	19.25	10.32	5.76	160.16	101.77	84.94	-16.83	245.1	0	245.1
DELHI	0	0	3.97	0	0	1.3	5.27	112.03	111.79	-0.24	117.06	0	117.06
UTTAR PRADESH	237	29.3	0	9.9	0	0.6	276.8	224.13	219.54	-4.59	496.34	0	496.34
UTTARAKHAND	0	21.04	0	0.28	0	0	21.32	23.37	23.05	-0.32	44.37	0	44.37
HIMACHAL PRADESH	0	28.81	0	0.13	0	0	28.93	3.23	2.83	-0.4	31.76	0	31.76
J&K(UT) & Ladakh(UT)	0	22.57	0	0	0	0	22.57	18.27	16.67	-1.6	39.24	0	39.24
CHANDIGARH	0	0	0	0	0	0	0	5.58	5.41	-0.17	5.41	0	5.41
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.76	4.38	0.62	4.38	0	4.38
Region	455.55	131.26	5.78	32.79	10.32	10.34	646.02	706.76	678.82	-27.94	1,324.84	0	1,324.84

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	6,753	0	-277	-2,576	6,471	6,831	0	-132	-576
HARYANA	7,926	0	-250	928	7,666	8,552	0	48	2,062
RAJASTHAN	10,088	0	-520	-128	9,881	9,406	0	-477	46
DELHI	4,995	0	-196	1,227	4,875	4,801	0	171	1,210
UTTAR PRADESH	23,552	0	89	2,813	20,598	23,258	0	-291	1,230
UTTARAKHAND	2,015	0	-74	142	1,843	1,895	0	51	-485
HIMACHAL PRADESH	1,331	0	-102	-226	1,322	1,221	0	-20	-433
J&K(UT) & Ladakh(UT)	1,920	0	-72	-743	1,635	1,255	0	55	-400
CHANDIGARH	246	0	-17	-86	225	229	0	9	-86
RAILWAYS_NR ISTS	190	0	21	67	183	200	0	31	67
Region	59,016	0	-1,398	1,418	54,699	57,648	0	-555	2,635

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	7,858	0:00	0	7,858	7,858	0:00	0	7,858	5,692	14:00	-	-	-	-
HARYANA	9,424	0:00	0	9,424	9,424	0:00	0	9,424	6,834	13:00	-	-	-	-
RAJASTHAN	10,888	0:00	0	10,888	10,888	0:00	0	10,888	9,295	4:00	-	-	-	-
DELHI	5,780	0:00	0	5,780	5,780	0:00	0	5,780	4,202	9:00	-	-	-	-
UP	26,852	0:00	0	26,852	26,852	0:00	0	26,852	16,534	17:00	-	-	-	-
UTTARAKHA ..	2,091	0:00	0	2,091	2,091	0:00	0	2,091	1,464	13:00	-	-	-	-
HP	1,567	10:00	0	1,567	1,567	10:00	0	1,567	1,161	23:00	-	-	-	-
J&K(UT)&Lad ..	1,967	10:00	0	1,967	1,967	10:00	0	1,967	1,255	3:00	-	-	-	-
CHANDIGARH	267	0:00	0	267	267	0:00	0	267	205	15:00	-	-	-	-
RAILWAYS_NR ISTS	220	0:00	0	220	220	0:00	0	220	148	14:00	-	-	-	-
NR	66,079	0:00	0	66,079	66,079	0:00	0	66,079	49,406	17:00	-	-	-	-

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	0	0	0	00:00	0	00:00	0	0	0
DELHI GAS TURBINES(3 * 34 + 6 * 30)	282	27	26	27.19	08:00	0	11:00	0.47	0.45	19
PRAGATI GAS TURBINES(1 * 121.2 + 2 * 104.6)	331	147	146	149.11	08:00	145	15:00	3.62	3.53	147
RITHALA GPS(3 * 36)	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	174	172					4.09	3.98	166
WIND	0	0	0	0		0				
BIOMASS(52)	52	52	57	59.78	15:00	38	09:00	1.52	1.3	54
SOLAR(2)	2	0	0	0		0				
Total DELHI	2,145	226	229					5.61	5.28	220

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	339	343	354	01:00	330	13:45	8.84	8.01	334
JHAJJAR(CLP)(2 * 660)	1,320	713	745	844	01:00	690	13:45	19.43	17.99	750
MAGNUM DIESEL (IPP)(4 * 6.3)	25	0	0	0		0				
PANIPAT TPS(1 * 210 + 2 * 250)	710	354	358	373	01:00	349	10:15	9.33	8.4	350
RGTPP(KHEDAR)(2 * 600)	1,200	367	367	382	22:00	332	13:45	8.76	8.38	349
Total THERMAL	3,855	1,773	1,813					46.36	42.78	1,783
FARIDABAD GPS(1 * 156.07 + 2 * 137.75)	432	0	0	0		0				
Total GAS/NAPTHA/DIESEL	432	0	0					0	0	0
TOTAL HYDRO HARYANA(64.8)	65	5	0	24	16:00	3	06:00	0.23	0.23	10
Total HYDEL	65	5	0					0.23	0.23	10
WIND	0	0	0	0		0				
BIOMASS(106)	106	0	0	0		0		0.96	0.96	40
SOLAR(196)	196	0	0	0		0		0.58	0.58	24
Total HARYANA	4,654	1,778	1,813					48.13	44.55	1,857

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	60	0	122	16:00	0	01:00	0.53	0.53	22
BASPA (IPP) HPS(3 * 100)	300	306	307	307	01:00	306	18:00	7.36	7.35	306
MALANA (IPP) HPS(2 * 43)	86	81	81	81	01:00	59	07:00	1.88	1.87	78
MALANA2(2 * 50)	100	0	0	0		0				
SAWARA KUDDU(3 * 37)	111	111	111	111	01:00	79	13:00	2.6	2.6	108
OTHER HYDRO HP(503.75)	504	131	259	0		0		4.64	4.57	190
Total HYDEL	1,281	689	758					17.01	16.92	704
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	451	570	0		0		11.89	11.88	495
Total SMALL HYDRO	765	451	570					11.89	11.88	495
Total HP	2,065	1,140	1,328					29.03	28.93	1,204

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		20.16	20.16	840
OTHER HYDRO/IPP J&K(308)	308	0	0	0		0		2.41	2.41	100
Total HYDEL	1,208	0	0					22.57	22.57	940
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					22.57	22.57	940

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	155	145	155	20:00	145	01:00	3.94	3.44	143
GURU GOBIND SINGH TPS (ROPAR)(4 * 210)	840	0	0	0	01:00	0	01:00	0	-0.14	-6
GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)(2 * 210 + 2 * 250)	920	453	453	454	23:59	453	01:00	11.89	10.76	448
RAJPURA(NPL) TPS(2 * 700)	1,400	1,320	660	1,320	20:00	660	03:00	19.53	18.45	769
TALWANDI SABO TPS(3 * 660)	1,980	1,638	924	1,638	20:00	924	01:00	25.67	23.79	991
Total THERMAL	5,680	3,566	2,182					61.03	56.3	2,345
ANANADPUR SAHIB HYDRO PLANT(2 * 33.5 + 2 * 33.5)	134	115	115	116	21:00	115	01:00	2.83	2.83	118
MUKERIAN HYDRO PLANT(6 * 15 + 6 * 19.5 + 2 * 9)	225	129	108	129	17:00	108	01:00	3.01	3	125
RANJIT SAGAR POWER PLANT (4 * 150)	600	600	600	600	01:00	600	01:00	14.57	14.52	605
SHANAN(4 * 15 + 1 * 50)	110	105	105	105	01:00	105	01:00	2.54	2.54	106
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	949	928					25.83	25.77	1,074
WIND	0	0	0	0		0				
BIOMASS(303)	303	0	0	0		0		1.72	1.72	72
SOLAR(881)	881	39	43	231	12:00	38	18:00	2.65	2.65	110
Total PUNJAB	8,025	4,554	3,153					91.23	86.44	3,601

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	183	134	214	09:00	0		4.5	3.97	165
CHHABRA TPS(2 * 660 + 4 * 250)	2,320	1,609	1,170	1,630	19:00	0		32.91	30.3	1,263
GIRAL (IPP) LTPS(2 * 125)	250	0	0	0		0				
KALISINDH TPS(2 * 600)	1,200	1,010	657	1,029	01:00	0		18.13	16.71	696
KAWAI TPS(2 * 660)	1,320	452	713	818	01:00	0		15.1	14	583
KOTA TPS(2 * 110 + 2 * 195 + 3 * 210)	1,240	452	713	818	01:00	0		15.1	14	583
RAJWEST (IPP) LTPS(8 * 135)	1,080	791	643	814	23:00	0		18.39	15.86	661
SURATGARH TPS (6 * 250 + 2 * 660(SSCTPS))	2,820	1,124	1,034	1,124	20:00	0		26.73	24.64	1,027
VSLPP (IPP)(1 * 135)	135	0	0	0		0				
Total THERMAL	10,615	5,621	5,064					130.86	119.48	4,978
DHOLPUR GPS(3 * 110)	330	0	0	0		0				
RAMGARH GPS(1 * 110 + 1 * 35.5 + 1 * 50 + 2 * 37.5)	271	63	63	64	11:00	0		1.87	1.81	75
Total GAS/NAPTHA/DIESEL	601	63	63					1.87	1.81	75
RAPS-A(1 * 100 + 1 * 200)	300	176	178	178	05:00	0		4.66	4.33	180
Total NUCLEAR	300	176	178					4.66	4.33	180
TOTAL HYDRO RAJASTHAN(550)	550	147	146	169	07:00	0		3.56	3.55	148
Total HYDEL	550	147	146					3.56	3.55	148
WIND(1 * 4328)	4,328	396	626	1,031	23:45	0		10.32	10.32	430
BIOMASS(102)	102	60	60	60	01:00	0		1.44	1.44	60
SOLAR(4568)	4,568	0	0	2,966	13:00	0		19.4	19.25	802
Total RAJASTHAN	21,064	6,463	6,137					172.11	160.18	6,673

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	1,205	1,373	1,373	03:00	903	16:00	27.8	25.8	1,075
ANPARA-C TPS(2 * 600)	1,200	805	1,105	1,105	03:00	518	07:00	19.9	18.5	771
ANPARA-D TPS(2 * 500)	1,000	383	473	561	09:00	279	08:00	9.7	9.1	379
BAJAJ ENERGY PVT LTD (IPP) TPS(10 * 45)	450	226	287	287	03:00	137	23:59	6	5.4	225
BARA PPGCL TPS(3 * 660)	1,980	1,302	1,413	1,641	23:59	1,036	05:00	31.6	29.2	1,217
GHATAMPUR TPS (1*660)	660	510	529	550	01:00	302	13:00	10.8	9.7	404
HARDUAGANJ TPS(1 * 110 + 2 * 250 + 1*660)	1,270	0	307	310	12:00	0	19:00	6.6	5.9	246
INFIRM POWER	660	0	0	0		0				
JAWAHARPUR TPS(2*660)	1,320	326	337	337	03:00	308	15:00	9.2	8.2	342
JP CHURK(3 * 60)	180	0	0	0		0				
KHURJA TPS(1 * 660)	660	642	490	680	20:20	359	19:05	11.48	10.4	433
LALITPUR TPS(3 * 660)	1,980	1,413	1,266	1,736	22:00	1,013	04:00	31.2	29.2	1,217
MEJA TPS(2 * 660)	1,320	1,134	1,041	1,157	21:00	675	23:00	21.6	20.3	846
OBRA TPS (5 * 200+1*660)	1,660	1,187	1,093	1,206	05:00	942	11:00	30.1	27.2	1,133
PANKI_I TPS(1 * 660)	660	341	404	404	03:00	0	07:00	7.7	7	292
PARICHA TPS(2 * 210 + 2 * 250)	920	540	550	682	22:00	473	04:00	13.6	12.3	513
ROSA TPS(4 * 300)	1,200	809	565	977	19:00	565	03:00	17.1	15.6	650
TANDA TPS(4 * 110)	440	186	114	190	22:00	106	14:00	3.6	3.2	133
Total THERMAL	19,190	11,009	11,347					257.98	237	9,876
ALAKHANANDA HEP(4 * 82.5)	330	347	347	348	01:00	341	04:00	8.3	8.3	346
RIHAND HPS(6 * 50)	300	280	280	280	01:00	235	10:00	6.4	6.4	267
VISHNUPARYAG HPS(4 * 110)	440	436	436	436	01:00	436	01:00	10.5	10.5	438
OTHER HYDRO UP(227)	227	138	180	187	13:00	141	23:00	4.1	4.1	171
Total HYDEL	1,297	1,201	1,243					29.3	29.3	1,222
WIND	0	0	0	0		0				
BIOMASS(26)	26	0	0	0		0				
SOLAR(2430)	2,642	0	0	1,556	12:00	0	01:00	9.9	9.9	413
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	12,235	12,615					297.78	276.8	11,536

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	662	1,040	1,054	09:00	658	21:00	21.11	21.04	877
Total HYDEL	1,250	662	1,040					21.11	21.04	877
WIND	0	0	0	0		0				
BIOMASS(127)	127	0	0	0		0				
SOLAR(278)	278	0	0	44	11:00	1	07:00	0.28	0.28	12
SMALL HYDRO(180)	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	662	1,040					21.39	21.32	889

(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	941	546	868	1,097	00:00	555	19:45	16.36	18.17	16.65	0.29	694	0
Sub-Total	1,500	941	546	868	-	-	-	-	16.36	18.17	16.65	0.29	694	0
BBMB														
BHAKRA HPS(5 * 126 + 5 * 157)	1,415	1,402	1,443	1,445	1,445	03:00	1,297	15:00	33.37	34.3	33.87	0	1,411	0.5
DEHAR HPS(6 * 165)	990	640	660	495	660	20:00	570	15:00	12.27	12.62	12.3	0	513	0.03
PONG HPS(6 * 66)	396	352	360	360	360	20:00	360	15:00	8.45	8.64	8.46	0	353	0.01
Sub-Total	2,801	2,394	2,463	2,300	-	-	-	-	54.09	55.56	54.63	0	2,277	0.54
NHPC														
BAIRASIUL HPS(3 * 60)	180	0	0	0	0	-	0	23:45	0	0	0	0	0	0
CHAMERA I HPS(3 * 180)	540	0	0	359	362	02:00	0	-	4.29	4.61	4.57	0	190	0.28
CHAMERA II HPS(3 * 100)	300	102	0	100	102	19:00	0	20:00	2.03	1.92	1.91	0	80	-0.12
CHAMERA III HPS(3 * 77)	231	240	0	0	0	-	0	-	4.26	4.07	4.07	0	170	-0.19
DHAULIGANGA HPS(4 * 70)	280	207	201	279	279	03:00	194.9	00:00	5.71	5.88	5.86	0	244	0.15
DULHASTI HPS(3 * 130)	390	257	256	258	259	15:00	127.2	14:00	5.87	6.05	5.97	0	249	0.1
KISHANGANGA(3 * 110)	330	336	332	218	337	22:00	0	-	4.5	4.59	4.56	0	190	0.06
PARBATI III HEP(4 * 130)	520	315	315	292	322	11:00	0	-	7.22	7.33	7.27	0	303	0.05
PARBATI-II(4 * 200)	800	0	0	0	0	-	0	-	1.8	2.08	1.91	0	80	0.11
SALAL HPS(6 * 115)	690	710	725	724	725	07:00	705	18:00	17.08	17.35	17.14	0	714	0.06
SEWA-II HPS(3 * 40)	120	126	126	123	126	20:00	0	-	2.94	3.02	2.99	0	125	0.05
TANAKPUR HPS(1 * 31.42 + 2 * 31.4)	94	93	106	105	106	00:00	100.99	18:00	2.21	2.45	2.42	0	101	0.21
URI HPS(4 * 120)	480	70	136	127	314	16:15	44	12:45	2.7	2.81	2.78	0	116	0.08
URI-II HPS(4 * 60)	240	170	194	114	209	13:00	113.93	01:00	3.53	3.89	3.86	0	161	0.33
Sub-Total	5,195	2,626	2,391	2,699	-	-	-	-	64.14	66.05	65.31	0	2,723	1.17
NPCL														
NAPS(2 * 220)	440	188	217	214	220	05:00	0	-	4.51	5.19	4.57	0	190	0.06
RAPP-D	700	413	0	0	0	-	0	-	9.91	11.2	9.9	0	413	-0.01
RAPS-B(2 * 220)	440	345	395	385	397	23:59	0	-	8.28	9.49	8.41	0	350	0.13
RAPS-C(2 * 220)	440	405	452	447	452	16:00	0	-	9.72	10.82	9.76	0	407	0.04
Sub-Total	2,020	1,351	1,064	1,046	-	-	-	-	32.42	36.7	32.64	0	1,360	0.22
NTPC														
ANTA GPS(1 * 153.2 + 3 * 88.71)	419	384	0	0	0	-	0	-	0	0	0.02	0	1	0.02
AURAIYA GPS(2 * 109.3 + 4 * 111.19)	663	634	0	0	0	-	0	-	0	0	0.03	0	1	0.03
DADRI GPS(2 * 154.51 + 4 * 130.19)	830	800	0	0	0	-	0	-	0	0	0.03	0	1	0.03
DADRI-I TPS(4 * 210)	840	769	321	331	346	00:45	0	-	7.3	9.1	8.14	0	339	0.84
DADRI-II TPS(2 * 490)	980	919	500	503	586	16:45	0	-	12.16	13.43	12.45	0	519	0.29
KOLDAM HPS(4 * 200)	800	871	846	868	880	00:00	0	-	20.48	20.42	20.32	0	847	-0.16
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	1.92	2	2	0	83	0.08
RIHAND-I STPS(2 * 500)	1,000	450	469	460	502	22:00	286	12:00	8.88	9.66	8.71	-0.06	363	-0.11
RIHAND-II STPS(2 * 500)	1,000	943	1,012	951	1,014	05:00	548	14:00	18.7	19.81	18.51	-0.07	771	-0.12
RIHAND-III STPS(2 * 500)	1,000	943	933	942	1,015	22:00	923	12:00	18.57	19.51	18.37	-0.07	765	-0.13
SINGRAULI HYDRO(1 * 8)	8	0	0	0	0	-	0	-	0	-	-	-	-	-
SINGRAULI STPS(2 * 500 + 5 * 200)	2,000	1,389	1,478	1,470	1,481	22:00	845	13:00	27.12	29.63	26.6	0	1,108	-0.52
TANDA TPS STAGE-II(2 * 660)	1,320	1,244	1,016	746	1,016	20:00	0	-	20.81	22.37	20.79	0	866	-0.02
UNCHAHAH II TPS(2 * 210)	420	375	142	242	258	22:00	237	09:30	4.75	5.89	5.14	0.1	214	0.29
UNCHAHAH III TPS(1 * 210)	210	189	280	117	280	20:00	111	13:00	2.55	2.98	2.65	0.03	110	0.07
UNCHAHAH IV TPS(1 * 500)	500	466	241	296	311	17:00	294	01:00	6.11	7.2	6.63	0.51	276	0.01
UNCHAHAH TPS(2 * 210)	420	365	239	242	252	08:30	237	19:30	4.82	5.85	5.06	0	211	0.24
Sub-Total	12,655	10,741	7,477	7,168	-	-	-	-	154.17	167.85	155.45	0.44	6,475	0.84
SJVNL														
NATHPA-JHAKRI HPS(6 * 250)	1,500	1,630	1,645	1,644	1,648	04:00	1,566	13:00	38.81	39.38	39.07	0	1,628	0.26
RAMPUR HEP(6 * 68.67)	412	449	450	454	454	03:00	436	13:00	10.5	10.91	10.83	0	451	0.33
Sub-Total	1,912	2,079	2,095	2,098	-	-	-	-	49.31	50.29	49.9	0	2,079	0.59
THDC														
KOTESHWAR HPS(4 * 100)	400	400	391	399	399	03:00	350	13:00	9.47	9.4	9.36	-0.03	390	-0.08
TEHRI HPS(4 * 250)	1,000	1,068	784	1,074	1,082	16:00	0	11:00	20.89	20.96	20.83	0	868	-0.06
TEHRI PSP(4 * 250)	1,000	500	255	508	510	17:00	0	-	5.57	6.99	5.64	0	235	0.07
Sub-Total	2,400	1,968	1,430	1,981	-	-	-	-	35.93	37.35	35.83	-0.03	1,493	-0.07

Total	28,483	22,100	17,466	18,160					406.42	431.97	410.41	0.7	17,101	3.29
-------	--------	--------	--------	--------	--	--	--	--	--------	--------	--------	-----	--------	------

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	0	0	0	0	-	0	00:00	0	0	0	0	0
KARCHAM WANGTOO HPS(4 * 261.25)	1,045	1,126	1,140	1,140	1,140	22:00	0	-	27.03	27.12	26.94	1,123	-0.09
SAINJ HEP(2 * 50)	100	0	0	0	0	-	0	-	0	-	-	-	-
SHREE CEMENT (IPP) TPS(2 * 150)	300	337	0	0	0	-	0	-	3.42	3.58	3.35	140	-0.07
SINGOLI BHATWARI HEP(3 * 33)	99	107	107	67	108	14:28	0	-	2.09	2.17	2.15	90	0.06
SORANG HYDROELECTRIC PROJECT(2 * 50)	100	0	81	101	103	12:00	0	-	2.11	2.33	2.33	97	0.22
Sub-Total	1,906	1,570	1,328	1,308	-	-	-	-	34.65	35.2	34.77	1,450	0.12
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	357	0	0	0	0	-	0	-	0.9	0.8	0.8	33	-0.1
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	0.3	0.2	0.2	8	-0.1
ACME CHITTORGARH SOLAR ENERGY PVT LTD(1 * 250)	250	0	0	0	157	11:52	0	-	0.21	0.29	0.29	12	0.08
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	73	14:31	0	-	0.3	0.28	0.27	11	-0.03
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	0.33	0.35	0.35	15	0.02
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	63	14:31	0	-	0.28	0.29	0.28	12	0
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	75	14:32	0	-	0.31	0.28	0.28	12	-0.03
ACME SIKAR SOLAR PRIVATE LIMITED	53	0	0	0	0	-	0	-	0.94	0.91	0.91	38	-0.03
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	55	17:44	0	-	0.29	0.28	0.27	11	-0.02
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.33	0.3	0.3	13	-0.03
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.33	0.35	0.35	15	0.02
ADANI GREEN ENERGY TWENTY FOUR LIMITED	405	0	0	0	140	17:17	0	-	0.75	0.52	0.52	22	-0.23
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)(1 * 200)	200	0	0	0	170	13:55	0	-	0.78	0.77	0.77	32	-0.01
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	133	14:30	0	-	0.69	0.63	0.63	26	-0.06
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150)	150	0	0	0	118	14:45	0	-	0.62	0.58	0.58	24	-0.04
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.21	0.26	0.26	11	0.05
ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150)	150	0	0	0	142	12:08	0	-	0.56	0.57	0.57	24	0.01
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	133	12:10	0	-	0.49	0.55	0.54	23	0.05
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	111	15:27	0	-	0.49	0.5	0.5	21	0.01
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	0	-	0	-	0.51	0.61	0.61	25	0.1
AMBUJA CEMENTS LIMITED	150	0	0	0	0	-	0	-	0.76	0.71	0.71	30	-0.05
AMP ENERGY GREEN FOUR PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.3	0.35	0.35	15	0.05
AMPLUS AGES PRIVATE LIMITED(1*100)	100	0	0	0	88	16:39	0	-	0.47	0.4	0.4	17	-0.07
AURAIYA SOLAR(1 * 40)	40	0	0	0	0	-	0	-	0.16	0.14	0.14	6	-0.02
AVAADA RJHN PRIVATE LIMITED(1*240)	240	0	0	0	250	15:08	0	-	1.09	1.2	1.2	50	0.11
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER(1 * 350)	350	0	0	0	213	09:39	0	-	0.55	0.61	0.61	25	0.06
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	254	09:39	0	-	0.41	0.55	0.55	23	0.14
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	190	10:01	0	-	0.5	0.52	0.52	22	0.02
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	150	08:48	0	-	0.5	0.39	0.39	16	-0.11
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	145	10:04	0	-	0.47	0.44	0.44	18	-0.03
AZURE POWER FORTY THREE PRIVATE LIMITED(1 * 150 + 1 * 150 + 1 * 300)	600	0	0	0	0	-	0	-	0.89	0.91	0.91	38	0.02
AZURE POWER INDIA PVT LTD.(4 * 50)	200	0	0	0	148	13:45	0	-	0.6	0.68	0.68	28	0.08
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	256	14:07	0	-	1.11	1.08	1.08	45	-0.03
AZURE POWER THIRTY FOUR PRIVATE LTD(1 * 130)	130	0	0	0	119	13:41	0	-	0.51	0.52	0.52	22	0.01
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	0.86	1.16	1.16	48	0.3
CLEAN SOLAR POWER (BHADLA) PVT LTD(1 * 300)	300	0	0	0	171	11:30	0	-	0.31	0.33	0.33	14	0.02
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	73	13:50	0	-	0.26	0.15	0.15	6	-0.11

DADRI SOLAR(5)	5	0	0	0	2	-	0	-	0.01	0.01	0.01	0	0
DEVIKOT SOLAR POWER NTPC	240	0	0	0	0	-	0	-	0.84	0.78	0.78	33	-0.06
EDEN RENEWABLE ALMA PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.02	0.95	0.95	40	-0.07
EDEN RENEWABLE CITE PRIVATE LIMITED(1 * 300)	300	0	0	0	70	17:24	0	-	0.29	0.33	0.33	14	0.04
FATEHGARH SOLAR PV PROJECT(1*296)	296	0	0	0	80	16:54	0	-	0.39	0.24	0.22	9	-0.17
GORBEA SOLAR PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.09	1.1	1.1	46	0.01
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	87	09:39	0	-	0.49	0.39	0.39	16	-0.1
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	83	09:44	0	-	0.44	0.42	0.42	18	-0.02
JUNA RENEWABLE ENERGY PRIVATE LIMITED	168	0	0	0	0	-	0	-	0.98	0.95	0.95	40	-0.03
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	41	09:44	0	-	0.24	0.2	0.2	8	-0.04
KARNISAR SOLAR PLANT NHPC LIMITED	107	0	0	0	0	-	0	-	0.73	0.7	0.7	29	-0.03
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	250	0	0	0	0	-	0	-	1.17	1.12	1.12	47	-0.05
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	0.71	0.68	0.68	28	-0.03
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED(1 * 50)	50	0	0	0	42	13:48	0	-	0.18	0.2	0.2	8	0.02
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED(1 * 50)	50	0	0	0	42	13:45	0	-	0.19	0.19	0.19	8	0
M/S AZURE POWER FORTY ONE PRIVATE LIMITED(1 * 300)	300	0	0	0	57	17:30	0	-	0.31	0.25	0.25	10	-0.06
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	87	09:41	0	-	0.5	0.38	0.38	16	-0.12
MEGA SOILS RENEWABLE PRIVATE LIMITED(1 * 250)	250	0	0	0	0	-	0	-	0.21	0.23	0.23	10	0.02
MEGA SURYAURJA PVT LTD(1*250)	250	0	0	0	0	-	0	-	0.24	0.19	0.19	8	-0.05
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.35	0.26	0.26	11	-0.09
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	158	0	0	0	0	-	0	-	0.67	0.71	0.71	30	0.04
NOKHRA SOLAR POWER NTPC	300	0	0	0	0	-	0	-	0.36	0.3	0.3	13	-0.06
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)(1 * 300)	300	0	0	0	97	08:28	0	-	0.37	0.24	0.24	10	-0.13
RENEW SURYA RAVI PVT LTD(1*300)	300	0	0	0	226	10:00	0	-	0.37	0.45	0.45	19	0.08
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	109	08:29	0	-	0.32	0.24	0.24	10	-0.08
RENEW SOLAR POWER PVT LTD(50)	50	0	0	0	106	10:39	0	-	0.17	0.31	0.31	13	0.14
RENEW SOLAR POWER PVT LTD. BIKANER(1 * 250)	250	0	0	0	0	-	0	-	0.39	0.41	0.41	17	0.02
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	92	10:35	0	-	0.35	0.24	0.24	10	-0.11
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	136	08:34	0	-	0.37	0.33	0.33	14	-0.04
RENEW SURYA JYOTI PRIVATE LIMITED	185	0	0	0	0	-	0	-	0.87	0.85	0.85	35	-0.02
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	196	11:51	0	-	1.02	1.09	1.08	45	0.06
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	0.57	0.61	0.61	25	0.04
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	100	13:02	0	-	0.47	0.55	0.54	23	0.07
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	197	14:50	0	-	0.88	0.78	0.78	33	-0.1
SB ENERGY FOUR PVT LTD(2 * 100)	200	0	0	0	125	15:02	0	-	0.64	0.65	0.65	27	0.01
SB ENERGY SIX PRIVATE LIMITED(1 * 300)	300	0	0	0	118	12:21	0	-	0.31	0.35	0.35	15	0.04
SJVN GREEN ENERGY LIMITED	242	0	0	0	328	09:45	0	-	0.42	0.84	0.82	34	0.4
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED .BKN2	168	0	0	0	0	-	0	-	0.69	0.8	0.8	33	0.11
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	176	0	0	0	236	16:30	0	-	1.19	1.02	1.02	43	-0.17
SINGRAULI SOLAR(15)	15	0	0	0	0	-	0	-	0.05	0.05	0.05	2	0
SOLZEN URJA PRIVATE LIMITED(1 * 300)	300	0	0	0	68	17:22	0	-	0.32	0.25	0.25	10	-0.07
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	83	15:24	0	-	0.11	0.37	0.37	15	0.26
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	242	13:06	0	-	0.94	1.1	1.1	46	0.16
TATA POWER RENEWABLE ENERGY LTD(1 * 300)	300	0	0	0	85	12:08	0	-	0.28	0.24	0.24	10	-0.04
TATA POWER SAURYA LIMITED	110	0	0	0	85	14:46	0	-	0.43	0.45	0.45	19	0.02
THAR SURYA IPRIVATE LIMITED(1*300)	300	0	0	0	249	09:57	0	-	0.5	0.65	0.65	27	0.15
TRANSITION ENERGY SERVICES PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.26	0.38	0.38	16	0.12
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	98	15:36	0	-	0.41	0.44	0.44	18	0.03
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	53	15:37	0	-	0.21	0.22	0.22	9	0.01
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.28	0.38	0.38	16	0.1
UNCHAHAH SOLAR(10)	10	0	0	0	3	11:00	0.136	07:30	0	0.02	0.02	1	0.02

XL XERGI POWER PRIVATE LIMITED	400	0	0	0	0	-	0	-	0.99	0.91	0.91	38	-0.08
Sub-Total	18,548	0	0	0	-	-	-	-	44.96	45.26	45.16	1,886	0.2
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	230	17:17	0	-	1.09	0.55	0.54	23	-0.55
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	0	0	0	-	0	-	3.09	3.09	3.09	129	0
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	0	-	0	-	0.63	0.66	0.66	28	0.03
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	20	63	96	13:00	0	-	0.78	0.65	0.65	27	-0.13
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	113	-	0	-	0.3	0.24	0.24	10	-0.06
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	16	38	68	22:15	0	-	0.54	0.44	0.44	18	-0.1
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	76	17:45	0	-	0.24	0.19	0.19	8	-0.05
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	21	56	64	01:00	0	-	0.58	0.44	0.44	18	-0.14
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	169	10:11	0	-	0.35	0.37	0.37	15	0.02
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	19	103	107	04:30	0	-	0.73	0.69	0.69	29	-0.04
Sub-Total	2,846	0	76	260	-	-	-	-	8.33	7.32	7.31	305	-1.02
Total	23,300	1,570	1,404	1,568					87.94	87.78	87.24	3,641	-0.7

Summary Section						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	66,474	27,058	26,315	687.85	646.07	26,920
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		2,260	2,422	198.05	198.05	6,509
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		51	-65	1.07	1.07	10
Total Regional Availability(Gross)	118,257	48,239	48,400	1,406.72	1,342.84	54,181

Total Hydro Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	10,553	11,254	261.29	257.41	10,729
State Control Area Hydro	7,855	4,104	4,685	131.5	131.26	5,470
Total Regional Hydro	22,577	14,657	15,939	392.79	388.67	16,199

Total Renewable Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	21,639	76	260	54.58	54.47	2,274
State Control Area Renewable	13,630	547	786	48.9	48.53	2,022
Total Regional Renewable	35,269	623	1,046	103.48	103	4,296

Total Solar Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	20,773	0	0	49.27	49.16	2,053
State Control Area Solar	8,586	39	43	32.94	32.79	1,366
Total Solar	29,359	39	43	82.21	81.95	3,419

Total Wind Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	76	260	5.31	5.31	221
State Control Area Wind	4,328	396	626	10.32	10.32	430
Total Wind	5,194	472	886	15.63	15.63	651

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	0.59	-0.59
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	0.99	0	0.99
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	0	0.2	-0.2
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	0.98	0	0.98
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	2.95	0	2.95
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	12.05	0	12.05
10	400KV-Gorakhpur (UP)-Motihari(DMT)	-274	-442	442	72	4.85	0	4.85
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	-327	-686	793	50	8.41	0	8.41

Import/Export between EAST REGION and NORTH REGION								
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	0.65	0	0.65
13	400KV-Varanasi (PG)-Sasaram(PG)	-40	-90	123	0	2.53	0	2.53
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	10.51	0	10.51
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	0	2.13	-2.13
16	765KV-Varanasi (PG)-Gaya(PG)	-223	-299	583	668	0	1.3	-1.3
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	-	-	-	-	9.4	0	9.4
Sub-Total EAST REGION		-864	-1,517	1,941	790	53.32	4.22	49.1
Import/Export between NORTH_EAST REGION and NORTH REGION								
1	HVDC800KV-Agra (PG)-Biswanath Charialli(PG)	-	-	-	-	6.2	0	6.2
Sub-Total NORTH_EAST REGION		0	0	0	0	6.2	0	6.2
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)	0	-15	-	149	0	1.27	-1.27
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	106	119	134	0	2.53	0	2.53
6	220KV-Ranpur (RS)-Bhanpura(MP)	76	67	77	0	1.63	0	1.63
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-44	-217	-623	316	1.68	0	1.68
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	3.89	-3.89
10	400KV-RAPS C (NP)-Sujalpur	-	-	-	-	0	2.47	-2.47
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-832	-511	0	-853	0	10.84	-10.84
13	765KV-0rai-Jabalpur	1,725	1,590	2,654	0	23.5	0	23.5
14	765KV-0rai-Satna	687	670	859	0	10.68	0	10.68
15	765KV-Agra (PG)-Gwalior(PG)	-	-	-	-	15.42	0	15.42
16	765KV-Chittorgarh-Banaskata D/C	652	566	-479	1,281	0	6.75	-6.75
17	765KV-Phagi (RJ)-Gwalior(PG)	804	957	-706	1,222	6.43	0	6.43
18	765KV-Varanasi (PG)-Vindhyachal(PG)	-2,800	-2,036	2,800	0	43.73	0	43.73
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	500	499	507	0	12.18	0	12.18
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	250	250	250	0	6.03	0	6.03
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	2,000	2,000	2,000	0	44.16	0	44.16
Sub-Total WEST REGION		3,124	3,939	7,473	2,115	167.97	25.22	142.75
TOTAL IR EXCHANGE		2,260	2,422	9,414	2,905	227.49	29.44	198.05

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	93.43	15.63	0	-5.71	0	95.54	49.1	-46.44
NR-NORTH_EAST REGION	0	0	0	0	0	0	6.2	6.2
NR-WR	163.9	91.89	0	-145.16	0	116.63	142.75	26.12
Total	257.33	107.52	0	-150.87	0	212.17	198.05	-14.12

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)	51	-65	68.496	58	1.19	0.12	1.07	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	2.75	44.69	74.58	13.65	6.63	2.38	22.66

<-----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	19:32:00	49.81	17:38:10	50.02	0.049	0.069	50.25	49.88	25.42

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index (% of time)
					< 380	< 390	> 420	> 430	
Abdullapur(PG) - 400KV	418	13:00	412	00:00	0	0	0	0	0
Amritsar(PG) - 400KV	418	06:55	412	00:00	0	0	0	0	0
Ballabgarh(PG) - 400KV	419	07:55	404	00:00	0	0	0	0	0

Bareilly II(PG) - 400KV	421	06:55	403	00:00	0	0	2.08	0	2.08
Bareilly(UP) - 400KV	421	06:55	404	00:05	0	0	4.17	0	4.17
Baspa(HP) - 400KV	410	12:55	402	00:00	0	0	0	0	0
Bassi(PG) - 400KV	422	03:45	400	19:45	0	0	8.33	0	8.33
Bawana(DTL) - 400KV	420	07:55	410	00:00	0	0	1.04	0	1.04
Dadri HVDC(PG). - 400KV	417	06:55	405	00:00	0	0	0	0	0
Gorakhpur(PG) - 400KV	415	07:40	395	21:35	0	0	0	0	0
Hisar(PG) - 400KV	424	06:55	415	00:00	0	0	67.71	0	67.71
Kanpur(PG) - 400KV	418	07:55	403	00:00	0	0	0	0	0
Kashipur(UT) - 400KV	419	13:55	408	00:00	0	0	0	0	0
Kishenpur(PG) - 400KV	413	23:50	409	10:20	0	0	0	0	0
Moga(PG) - 400KV	418	06:55	412	00:00	0	0	0	0	0
Nallagarh(PG) - 400KV	410	12:55	402	00:00	0	0	0	0	0
Rihand HVDC(PG) - 400KV	402	13:05	394	00:05	0	0	0	0	0
Rihand(NT) - 400KV	402	14:00	395	00:05	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	798	01:45	778	19:15	0	0	0	0	0
Balia(PG) - 765KV	787	13:00	757	00:00	0	0	0	0	0
Bareilly II(PG) - 765KV	801	07:00	767	00:00	0	0	2.43	0	2.43
Bhiwani(PG) - 765KV	797	01:40	782	00:00	0	0	0	0	0
Fatehpur(PG) - 765KV	790	07:55	0	11:30	39.93	39.93	0	0	39.93
Jhatikara(PG) - 765KV	794	07:55	774	00:00	0	0	0	0	0
Lucknow II(PG) - 765KV	796	07:15	760	21:35	0	0	0	0	0
Meerut(PG) - 765KV	793	06:55	767	00:05	0	0	0	0	0
Moga(PG) - 765KV	795	03:30	784	11:20	0	0	0	0	0
Phagi(RJ) - 765KV	804	03:45	783	19:10	0	0	15.63	0	15.63
Unnao(UP) - 765KV	784	07:55	754	00:00	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	1,523.63	0	0	-2,100	0	0	0	1,523.63	0	0	-4,100	0	0	0
HARYANA	3,134.66	53.3	-926.42	-200	0	0	0	3,126.15	0	-847.86	-1,350	0	0	0
RAJASTHAN	1,096.77	-20.81	-180.18	-850	0	0	0	1,287.29	-11.8	-1,406.67	2.89	0	0	0
DELHI	889.02	8.24	-15.45	327.7	0	0	0	977.85	0	-48.03	297.03	0	0	0
UTTAR PRADESH	427.74	41.26	335.58	425.17	0	0	0	816.54	7.2	1,394.82	594	0	0	0
UTTARAKHA ..	-539.68	-3.2	0	57.73	0	0	0	-301.9	-15.2	44.55	414.57	0	0	0
HIMACHAL PRADESH	-514.18	-66.6	-64.4	211.72	0	0	0	-515.18	-66.6	-60	415.88	0	0	0
J&K(UT) & LADAKH(UT)	-400	0	0	0	0	0	0	-522	-56.7	-14.4	-150	0	0	0
CHANDIGARH	38.83	0	-125	0	0	0	0	76.23	0	-135	-27	0	0	0
RAILWAYS_NRISTS	36.04	0	30.79	0	0	0	0	36.04	0	30.79	0	0	0	0
TOTAL	5,692.83	12.19	-945.08	-2,127.68	0	0	0	6,504.65	-143.1	-1,041.8	-3,902.63	0	0	0

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	106.59	38.3	0	0	-70.19	74.7
HARYANA	116.37	76.99	0.74	-13.98	-40.2	139.92
RAJASTHAN	98.58	25.52	-0.44	-10.28	-11.61	101.77
DELHI	81.84	20.38	0.17	2.72	6.92	112.03
UTTAR PRADESH	197.63	5.36	0.69	10.45	10	224.13
UTTARAKHAND	30.19	-9.02	0.21	0.52	1.47	23.37
HIMACHAL PRADESH	17.39	-15.66	-0.91	-1.31	3.72	3.23
J&K(UT) & LADAKH(UT)	41.26	-4.95	-0.35	-0.14	-17.55	18.27
CHANDIGARH	7.23	0.85	0	-2.02	-0.48	5.58
RAILWAYS_NR ISTS	2.4	0.86	0	0.49	0.01	3.76
TOTAL	699.48	138.63	0.11	-13.55	-117.91	706.76

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	4,882.15	3,935.28	1,959.54	1,493.95	0	0	0	0
HARYANA	5,723.77	4,360.03	3,441.32	3,126.1	58.11	0	0	0
RAJASTHAN	5,124.47	3,289.91	1,306.52	786.51	-9.21	-28.61	0	0
DELHI	4,042.24	3,034.58	1,006.73	632.18	162.03	0	0	0
UTTAR PRADESH	11,398.13	6,436.01	999.03	-193.61	58.38	2.2	0	0
UTTARAKHAND	1,415.05	988.2	-293.24	-539.68	28.48	-21.2	0	0
HIMACHAL PRADESH	1,175.51	369.19	-512.18	-861.18	23.54	-66.6	0	0
J&K(UT) & Ladakh(UT)	1,818.86	1,635.32	0	-522	0	-56.7	0	0
CHANDIGARH	330.37	238.2	76.23	0	0	0	0	0
RAILWAYS_NR ISTS	111.54	74.87	36.04	36.04	0	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	0	0	0	0	-1,600	-4,200	0	0
HARYANA	22.13	-1,554.71	0	0	0	-3,600	0	0
RAJASTHAN	48.7	-1,848.73	0	0	2.89	-2,202.2	0	0
DELHI	495.1	-115.48	0	0	761.72	-85.52	0	0
UTTAR PRADESH	1,774.9	108.91	0	0	1,333.58	-1,006.48	0	0
UTTARAKHAND	146.24	-191.19	0	0	416.88	-360.84	0	0
HIMACHAL PRADESH	-3.12	-74.1	0	0	415.88	-226.22	0	0
J&K(UT) & LADAKH(UT)	0	-14.4	0	0	0	-1,287.1	0	0
CHANDIGARH	0	-170	0	0	19.24	-138	0	0
RAILWAYS_NR ISTS	30.79	0	0	0	5.77	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	510.06	1,545	499.62	1,077	2,086.27	1,061.82
Chamera-I	748.75	760	753.95	755.8	9	-	-	583.5	124.99
Gandhisagar	381	399.9	725	-	-	-	-	-	0
Jawahar Sagar	295.96	298.7	2.01	-	-	-	-	-	0
Koteshwar	598.5	612.5	610.73	610.05	4	609.65	4	589	649.96
Pong	384.05	426.72	1,084	423.92	1,082	414.97	669	2,392.71	483.62
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	524.95	361	501.54	125	1,431.67	1,413.5
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	824.96	1,058	823.17	1,021	1,122.44	455
TOTAL	-	-	-	-	4,059	-	2,896	8,205.59	4,188.89

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
---------	---

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

Rihand-Dadri	0
--------------	---

10. Zero Crossing Violations

State	No. of violations(Maximum 15 in a day)	Maximum number of continuous blocks without sign change
CHANDIGARH	2	13
DELHI	5	10
HARYANA	13	33
HIMACHAL PRADESH	5	18
J&K(UT) & Ladakh(UT)	12	41
PUNJAB	10	28
RAJASTHAN	10	32
UTTAR PRADESH	6	14
UTTARAKHAND	7	21

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	2,963	3,184	3673	00:00:00	74.63	3,110
NCR_DRAWAL	-	12,243	12,471	13967	00:00:00	281.83	11,743
NCR_DEMAND	-	15,206	15,656	17639	00:00:00	356.47	14,853
LADAKH_DEMAND	-	15	-8	15	19:45:00	0.03	1

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	0	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