



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

Power Supply Position in Northern Region For 11-Sep-2025

Date of Reporting:12-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
74,107	155	74,262	50.09	62,302	0	62,302	49.96	1,591	0.31

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	86.41	19.84	0	5.38	0	1.72	113.35	129.52	129.08	-0.44	242.43	0	242.43
HARYANA	58.79	0.79	1.08	1.28	0	0.99	62.92	163.29	161.92	-1.37	224.84	0	224.84
RAJASTHAN	132.72	2.82	1.83	38.59	27.01	5.05	208.01	80.53	74.34	-6.19	282.35	0	282.35
DELHI	0	0	4.22	0	0	1.74	5.97	127.19	126.37	-0.82	132.34	0	132.34
UTTAR PRADESH	289.56	30	0	15	0	0.6	335.16	221.51	223.12	1.61	558.28	0	558.28
UTTARAKHAND	0	26.82	1.15	0.42	0	0	28.39	23.04	23.57	0.53	52.27	0.31	51.96
HIMACHAL PRADESH	0	40.29	0	0.13	0	0	40.42	-2.98	-3.54	-0.56	36.88	0	36.88
J&K(UT) & Ladakh(UT)	0	23.99	0	0	0	0	23.99	27.16	27.22	0.06	51.21	0	51.21
CHANDIGARH	0	0	0	0	0	0	0	6.34	6.47	0.13	6.47	0	6.47
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.72	4.18	0.46	4.18	0	4.18
Region	567.48	144.55	8.28	60.8	27.01	10.1	818.21	779.32	772.73	-6.59	1,591.25	0.31	1,590.94

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	9,971	0	-169	-966	9,967	8,365	0	-147	283
HARYANA	10,742	0	-281	1,397	9,446	8,727	0	30	975
RAJASTHAN	12,772	0	-103	526	11,802	10,667	0	-169	268
DELHI	5,922	0	-21	1,576	5,507	4,889	0	138	932
UTTAR PRADESH	27,776	0	80	2,805	23,158	24,440	0	130	994
UTTARAKHAND	2,277	155	28	-152	2,169	1,995	0	-39	-184
HIMACHAL PRADESH	1,514	0	-36	-167	1,533	1,304	0	-24	-167
J&K(UT) & Ladakh(UT)	2,660	0	245	-432	2,134	1,504	0	78	-1,330
CHANDIGARH	301	0	-2	-19	270	218	0	5	-84
RAILWAYS_NR ISTS	172	0	36	53	174	192	0	23	92
Region	74,107	155	-223	4,621	66,160	62,301	0	25	1,779

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	11,361	17:00	0	11,361	11,361	17:00	0	11,361	8,365	3:00	-	-	-	-
HARYANA	10,805	21:00	0	10,805	10,805	21:00	0	10,805	8,043	7:00	-	-	-	-
RAJASTHAN	12,897	22:00	0	12,897	12,897	22:00	0	12,897	10,589	4:00	-	-	-	-
DELHI	6,252	15:00	0	6,252	6,252	15:00	0	6,252	4,468	6:00	-	-	-	-
UP	28,628	21:00	0	28,628	28,628	21:00	0	28,628	17,256	7:00	-	-	-	-
UTTARAKHA ..	2,435	18:00	0	2,435	2,435	18:00	0	2,435	1,971	12:00	-	-	-	-
HP	1,813	7:00	0	1,813	1,813	7:00	0	1,813	1,285	4:00	-	-	-	-
J&K(UT)&Lad ..	2,660	20:00	0	2,660	2,660	20:00	0	2,660	1,476	4:00	-	-	-	-
CHANDIGARH	311	15:00	0	311	311	15:00	0	311	213	4:00	-	-	-	-
RAILWAYS_NR ISTS	204	0:00	0	204	204	0:00	0	204	119	13:00	-	-	-	-
NR	74,902	21:00	0	74,902	74,902	21:00	0	74,902	57,153	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	-3	-3	-1.43	00:00	0		0	-0.05	-2
DELHI GAS TURBINES(3 * 34 + 6 * 30)	282	34	34	35.15	07:00	0		0.83	0.78	33
PRAGATI GAS TURBINES(1 * 121.2 + 2 * 104.6)	331	145	147	148.64	07:00	0		3.58	3.49	145
RITHALA GPS(3 * 36)	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	176	178					4.41	4.22	176
WIND	0	0	0	0		0				
BIOMASS(52)	52	61	67	0		0		1.77	1.74	73
SOLAR(2)	2	0	0	0		0				
Total DELHI	2,145	237	245					6.18	5.96	249

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	486	345	490	00:00	340	05:00	9.85	9.03	376
JHAJJAR(CLP)(2 * 660)	1,320	1,219	809	1,221	00:00	744	11:00	24.38	22.84	952
MAGNUM DIESEL (IPP)(4 * 6.3)	25	0	0	0		0				
PANIPAT TPS(1 * 210 + 2 * 250)	710	451	365	566	00:00	361	14:00	10.45	9.4	392
RGTPP(KHEDAR)(2 * 600)	1,200	788	707	816	00:00	693	17:00	18.1	17.53	730
Total THERMAL	3,855	2,944	2,226					62.78	58.8	2,450
FARIDABAD GPS(1 * 156.07 + 2 * 137.75)	432	161	0	168	18:00	12	16:00	1.08	1.08	45
Total GAS/NAPTHA/DIESEL	432	161	0					1.08	1.08	45
TOTAL HYDRO HARYANA(64.8)	65	29	39	40	01:00	26	12:00	0.79	0.79	33
Total HYDEL	65	29	39					0.79	0.79	33
WIND	0	0	0	0		0				
BIOMASS(106)	106	0	0	0		0		0.99	0.99	41
SOLAR(196)	196	0	0	0		0		1.28	1.28	53
Total HARYANA	4,654	3,134	2,265					66.92	62.94	2,622

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	180	103	181	22:00	44	17:00	2.74	2.74	114
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	77	17:00	2.61	2.61	109
OTHER HYDRO HP(503.75)	504	384	317	0		0		8.48	8.45	352
Total HYDEL	1,281	977	833					21.07	21.04	877
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	989	798	0		0		19.28	19.26	803
Total SMALL HYDRO	765	989	798					19.28	19.26	803
Total HP	2,065	1,966	1,631					40.48	40.43	1,685

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		20.17	20.17	840
OTHER HYDRO/IPP J&K(308)	308	0	0	0		0		3.82	3.82	159
Total HYDEL	1,208	0	0					23.99	23.99	999
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					23.99	23.99	999

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	450	290	450	19:00	290	03:00	9.06	8.07	336
GURU GOBIND SINGH TPS (ROPAR)(4 * 210)	840	307	279	404	07:00	279	02:00	8.84	8.24	343
GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)(2 * 210 + 2 * 250)	920	800	621	800	19:00	605	02:00	17.64	16.11	671
RAJPURA(NPL) TPS(2 * 700)	1,400	1,320	870	1,320	01:00	660	04:00	24.47	23.29	970
TALWANDI SABO TPS(3 * 660)	1,980	1,841	1,049	1,841	01:00	924	04:00	32.97	30.71	1,280
Total THERMAL	5,680	4,718	3,109					92.98	86.42	3,600
ANANADPUR SAHIB HYDRO PLANT(2 * 33.5 + 2 * 33.5)	134	110	110	110	01:00	110	01:00	2.68	2.68	112
MUKERIAN HYDRO PLANT(6 * 15 + 6 * 19.5 + 2 * 9)	225	170	139	170	15:00	52	07:00	3.91	3.9	163
RANJIT SAGAR POWER PLANT (4 * 150)	600	600	240	600	01:00	240	02:00	9.23	9.2	383
SHANAN(4 * 15 + 1 * 50)	110	90	41	90	20:00	40	05:00	1.19	1.19	50
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	970	530					19.89	19.85	828
WIND	0	0	0	0		0				
BIOMASS(303)	303	0	0	0		0		1.72	1.72	72
SOLAR(881)	881	59	60	572	12:00	59	19:00	5.38	5.38	224
Total PUNJAB	8,025	5,747	3,699					119.97	113.37	4,724

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	217	218	225	08:00	217	18:00	5.87	5.15	215
CHHABRA TPS(2 * 660 + 4 * 250)	2,320	1,683	1,439	1,706	22:00	1,088	12:00	35.25	32.93	1,372
GIRAL (IPP) LTPS(2 * 125)	250	0	0	0		0				
KALISINDH TPS(2 * 600)	1,200	898	653	978	01:00	642	11:00	17.23	15.97	665
KAWAI TPS(2 * 660)	1,320	537	359	622	23:00	358	06:00	10.64	10.15	423
KOTA TPS(2 * 110 + 2 * 195 + 3 * 210)	1,240	884	739	898	23:00	676	16:00	20.66	18.31	763
RAJWEST (IPP) LTPS(8 * 135)	1,080	711	717	718	21:00	548	12:00	17.53	15.47	645
SURATGARH TPS (6 * 250 + 2 * 660(SSCTPS))	2,820	1,819	1,336	1,921	22:00	1,322	09:00	37.42	34.75	1,448
VSLPP (IPP)(1 * 135)	135	0	0	0		0				
Total THERMAL	10,615	6,749	5,461					144.6	132.73	5,531
DHOLPUR GPS(3 * 110)	330	0	0	0		0				
RAMGARH GPS(1 * 110 + 1 * 35.5 + 1 * 50 + 2 * 37.5)	271	73	74	74	05:00	72	15:00	1.89	1.83	76
Total GAS/NAPTHA/DIESEL	601	73	74					1.89	1.83	76
RAPS-A(1 * 100 + 1 * 200)	300	176	176	178	16:00	175	11:00	4.64	4.31	180
Total NUCLEAR	300	176	176					4.64	4.31	180
TOTAL HYDRO RAJASTHAN(550)	550	198	128	198	22:00	86	12:00	2.82	2.82	118
Total HYDEL	550	198	128					2.82	2.82	118
WIND(1 * 4328)	4,328	873	979	1,515	14:00	448	08:00	27.01	27.01	1,125
BIOMASS(102)	102	31	31	31	01:00	31	06:00	0.74	0.74	31
SOLAR(4568)	4,568	0	0	4,823	13:00	0	06:00	38.59	38.59	1,608
Total RAJASTHAN	21,064	8,100	6,849					220.29	208.03	8,669

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	1,384	1,343	1,384	20:00	956	13:00	32.5	30.2	1,258
ANPARA-C TPS(2 * 600)	1,200	1,096	1,105	1,105	03:00	592	09:00	25.9	24	1,000
ANPARA-D TPS(2 * 500)	1,000	937	940	941	04:00	831	13:00	23.8	22.3	929
BAJAJ ENERGY PVT LTD (IPP) TPS(10 * 45)	450	406	343	406	04:00	226	08:00	7.6	6.8	283
BARA PPGCL TPS(3 * 660)	1,980	1,707	1,695	1,721	21:00	1,011	12:00	40.1	37.1	1,546
GHATAMPUR TPS (1*660)	660	564	562	573	19:00	305	07:00	11.9	10.7	446
HARDUAGANJ TPS(1 * 110 + 2 * 250 + 1*660)	1,270	1,019	773	1,036	19:00	618	11:00	20.6	18.6	775
INFIRM POWER	660	0	0	0		0				
JAWAHARPUR TPS(2*660)	1,320	206	0	430	19:00	0	01:00	3.7	3.3	138
JP CHURK(3 * 60)	180	0	0	0		0				
KHURJA TPS(1 * 660)	660	656	676	677	19:00	379	09:00	14.48	13.26	553
LALITPUR TPS(3 * 660)	1,980	1,388	1,838	1,851	04:00	1,003	16:00	36.2	33.9	1,413
MEJA TPS(2 * 660)	1,320	1,194	826	1,224	19:00	685	11:00	24	22.5	938
OBRA TPS(5 * 200+1*660)	1,660	722	1,214	1,235	07:00	689	13:00	25.2	22.7	946
PANKI_I TPS(1 * 660)	660	460	404	489	01:00	311	09:00	10.2	9.2	383
PARICHA TPS(2 * 210 + 2 * 250)	920	762	746	766	22:00	483	09:00	15.8	14.3	596
ROSA TPS(4 * 300)	1,200	1,059	1,096	1,096	03:00	590	11:00	22.6	20.7	863
TANDA TPS(4 * 110)	440	0	0	0		0				
Total THERMAL	19,190	13,560	13,561					314.58	289.56	12,067
ALAKHANANDA HEP(4 * 82.5)	330	354	353	355	09:00	352	01:00	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	180	179	187	13:00	166	11:00	4.3	4.3	179
Total HYDEL	1,297	1,250	1,248					30	30	1,250
WIND	0	0	0	0		0				
BIOMASS(26)	26	0	0	0		0				
SOLAR(2430)	2,642	0	0	1,998	11:00	0	01:00	15	15	625
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	14,835	14,834					360.18	335.16	13,967

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	71	50	71	20:00	48	01:00	1.2	1.15	48
SARAVANTI	450	0	0	0		0				
Total GAS/NAPTHA/DIESEL	675	71	50					1.2	1.15	48
OTHER HYDRO UK(1250)	1,250	1,120	1,116	1,124	05:00	1,070	12:00	26.9	26.82	1,118
Total HYDEL	1,250	1,120	1,116					26.9	26.82	1,118
WIND	0	0	0	0		0				
BIOMASS(127)	127	0	0	0		0				
SOLAR(278)	278	0	0	82	11:00	7	07:00	0.42	0.42	18
SMALL HYDRO(180)	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	1,191	1,166					28.52	28.39	1,184

(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	1,394	966	1,509	19:00	811	23:30	21.66	23.6	21.91	0.19	913	0.06
Sub-Total	1,500	1,411	1,394	966	-	-	-	-	21.66	23.6	21.91	0.19	913	0.06
BBMB														
BHAKRA HPS(5 * 126 + 5 * 157)	1,415	1,362	1,402	1,402	1,402	20:00	1,402	13:00	32.69	33.78	33.34	0	1,389	0.65
DEHAR HPS(6 * 165)	990	480	495	330	495	20:00	330	13:00	9.52	9.85	9.62	0	401	0.1
PONG HPS(6 * 66)	396	352	360	360	360	20:00	360	13:00	8.45	8.68	8.47	0	353	0.02
Sub-Total	2,801	2,194	2,257	2,092	-	-	-	-	50.66	52.31	51.43	0	2,143	0.77
NHPC														
BAIRASIUL HPS(3 * 60)	180	186	180	181	187	08:45	120.96	15:45	3.98	4.11	4.07	0	170	0.09
CHAMERA I HPS(3 * 180)	540	360	349	232	361	09:00	226	21:00	7.07	7.02	6.9	0	288	-0.17
CHAMERA II HPS(3 * 100)	300	208	204	200	204	20:00	198.96	10:00	4.77	4.81	4.78	0	199	0.01
CHAMERA III HPS(3 * 77)	231	240	226	159	228	19:00	0	16:00	2.47	2.5	2.47	0	103	0
DHAULIGANGA HPS(4 * 70)	280	260	249	258	258	03:00	209.9	23:00	6.01	5.98	5.97	0	249	-0.04
DULHASTI HPS(3 * 130)	390	128	131	133	134	21:00	129	10:00	3.08	3.18	3.18	0	133	0.1
KISHANGANGA(3 * 110)	330	336	337	221	337	20:00	109.1	23:00	5.14	5.22	5.2	0	217	0.06
PARBATI III HEP(4 * 130)	520	200	209	136	211	22:00	0	-	3.33	3.53	3.49	0	145	0.16
PARBATI-II(4 * 200)	800	0	0	0	0	-	0	01:00	0	0	0.06	0	3	0.06
SALAL HPS(6 * 115)	690	710	719	719	720	08:00	717	06:00	17.04	17.24	17.03	0	710	-0.01
SEWA-II HPS(3 * 40)	120	126	127	126	127	20:00	0	-	2.96	3.05	3.02	0	126	0.06
TANAKPUR HPS(1 * 31.42 + 2 * 31.4)	94	65	70	107	107	03:00	70.45	15:00	1.94	2.09	2.06	0	86	0.12
URI HPS(4 * 120)	480	400	420	342	459	11:00	0	-	8.11	7.76	7.7	0	321	-0.41
URI-II HPS(4 * 60)	240	220	235	232	235	18:30	231.71	06:00	5.35	5.64	5.6	0	233	0.25
Sub-Total	5,195	3,439	3,456	3,046	-	-	-	-	71.25	72.13	71.53	0	2,983	0.28
NPCL														
NAPS(2 * 220)	440	186	213	215	218	23:00	0	-	4.46	5.11	4.51	0	188	0.05
RAPP-D	700	440	0	0	0	-	0	-	10.56	12.06	10.74	0	448	0.18
RAPS-B(2 * 220)	440	354	396	406	406	03:00	396	14:00	8.5	9.6	8.5	0	354	0
RAPS-C(2 * 220)	440	407	447	451	451	01:00	447	16:00	9.77	10.87	9.79	0	408	0.02
Sub-Total	2,020	1,387	1,056	1,072	-	-	-	-	33.29	37.64	33.54	0	1,398	0.25
NTPC														
ANTA GPS(1 * 153.2 + 3 * 88.71)	419	384	375	149	375	19:59	0	-	4.34	4.53	4.21	0	175	-0.13
AURAIYA GPS(2 * 109.3 + 4 * 111.19)	663	636	460	188	460	21:00	0	-	7.62	5.92	5.72	0	238	-1.9
DADRI GPS(2 * 154.51 + 4 * 130.19)	830	725	232	485	743	-	0	-	7.43	7.68	7.26	0	303	-0.17
DADRI-I TPS(4 * 210)	840	769	618	473	618	20:00	0	-	10.78	12.41	11.18	0	466	0.4
DADRI-II TPS(2 * 490)	980	919	730	547	730	20:00	0	-	13.7	14.8	13.68	0	570	-0.02
KOLDAM HPS(4 * 200)	800	871	863	868	870	22:00	0	-	20.51	20.9	20.79	0	866	0.28
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	4.15	4.03	4.02	0	168	-0.13
RIHAND-I STPS(2 * 500)	1,000	450	471	497	498	01:00	263	12:00	9.24	10.25	9.15	-0.03	381	-0.06
RIHAND-II STPS(2 * 500)	1,000	943	956	992	1,002	19:00	542	12:00	19.47	20.68	19.33	-0.03	805	-0.11
RIHAND-III STPS(2 * 500)	1,000	943	945	1,002	1,010	19:00	522	12:00	19.31	20.41	19.21	-0.07	800	-0.03
SINGRAULI HYDRO(1 * 8)	8	0	0	0	0	-	0	-	0	-	-	-	-	-
SINGRAULI STPS(2 * 500 + 5 * 200)	2,000	1,375	1,501	1,510	1,510	03:00	0	-	28.15	31	27.89	0	1,162	-0.26
TANDA TPS STAGE-II(2 * 660)	1,320	1,244	1,192	1,258	1,192	20:00	0	-	24.32	25.92	24.23	0	1,010	-0.09
UNCHAHAH II TPS(2 * 210)	420	375	394	285	414	19:30	243	16:00	5.93	7.02	6.19	0.15	258	0.11
UNCHAHAH III TPS(1 * 210)	210	189	192	124	214	19:00	118	07:00	2.99	3.47	3.11	0.13	130	-0.01
UNCHAHAH IV TPS(1 * 500)	500	466	444	305	493	19:00	272	16:00	8.01	8.72	8.15	0.23	340	-0.09
UNCHAHAH TPS(2 * 210)	420	360	377	240	386	21:00	237	16:00	5.76	6.6	5.84	0	243	0.08
Sub-Total	12,655	10,649	9,750	8,923	-	-	-	-	191.71	204.34	189.96	0.38	7,915	-2.13
SJVNL														
NATHPA-JHAKRI HPS(6 * 250)	1,500	1,630	1,487	1,498	1,506	19:00	1,473	10:00	35.57	35.89	35.61	0	1,484	0.04
RAMPUR HEP(6 * 68.67)	412	449	411	420	420	03:00	409	21:00	9.79	10.01	9.94	0	414	0.15
Sub-Total	1,912	2,079	1,898	1,918	-	-	-	-	45.36	45.9	45.55	0	1,898	0.19
THDC														
KOTESHWAR HPS(4 * 100)	400	404	391	281	409	19:00	94	09:00	5.26	5.32	5.32	0.03	222	0.03
TEHRI HPS(4 * 250)	1,000	1,072	1,046	1,020	1,080	19:00	0	09:00	16.17	16.33	16.24	-0.01	677	0.08
TEHRI PSP(4 * 250)	1,000	250	240	0	265	19:00	0	-	0.25	1.43	0.25	0	10	0
Sub-Total	2,400	1,726	1,677	1,301	-	-	-	-	21.68	23.08	21.81	0.02	909	0.11

Total	28,483	22,885	21,488	19,318					435.61	459	435.73	0.59	18,159	-0.47
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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	-	-	-	-
BUDHIL HPS (IPP)(2 * 35)	70	0	38	38	38	09:00	0	-	0.88	0.92	0.9	38	0.02
KARCHAM WANGTOO HPS(4 * 261.25)	1,045	1,126	1,045	1,045	1,045	20:00	1,045	11:00	24.78	25.02	24.82	1,034	0.04
SAINJ HEP(2 * 50)	100	0	0	0	0	-	0	-	0	-	-	-	-
SHREE CEMENT (IPP) TPS(2 * 150)	300	337	0	0	0	-	0	-	4.22	4.44	4.15	173	-0.07
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	0	0	0	-	0	-	2.13	2.08	2.09	87	-0.04
Sub-Total	1,906	1,646	1,191	1,191	-	-	-	-	34.31	35.06	34.54	1,440	0.23
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	357	0	0	0	0	-	0	-	2.65	2.6	2.6	108	-0.05
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	1.51	1.6	1.6	67	0.09
ACME CHITTORGARH SOLAR ENERGY PVT LTD(1 * 250)	250	0	0	0	217	10:57	0	-	1.44	1.49	1.49	62	0.05
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	314	11:09	0	-	2.16	2.2	2.19	91	0.03
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	2.19	2.2	2.2	92	0.01
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	314	11:04	0	-	2.16	2.14	2.14	89	-0.02
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	313	10:45	0	-	2.15	2.15	2.15	90	0
ACME SIKAR SOLAR PRIVATE LIMITED	53	0	0	0	0	-	0	-	1.38	1.34	1.34	56	-0.04
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	312	10:57	0	-	2.15	2.15	2.14	89	-0.01
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.62	0.7	0.7	29	0.08
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.62	0.6	0.6	25	-0.02
ADANI GREEN ENERGY TWENTY FOUR LIMITED	405	0	0	0	421	16:16	0	-	2.46	2.6	2.58	108	0.12
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)(1 * 200)	200	0	0	0	209	12:02	0	-	1.3	1.39	1.39	58	0.09
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	152	11:00	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	142	10:45	0	-	1.02	1.04	1.04	43	0.02
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.28	0.25	0.25	10	-0.03
ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150)	150	0	0	0	150	12:06	0	-	1.03	0.99	0.99	41	-0.04
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	178	11:12	0	-	1.56	1.43	1.43	60	-0.13
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	117	15:36	0	-	0.68	0.68	0.68	28	0
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	364	14:36	0	-	2.21	2.37	2.36	98	0.15
AMBUJA CEMENTS LIMITED	150	0	0	0	0	-	0	-	1	0.9	0.9	38	-0.1
AMP ENERGY GREEN FOUR PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.57	0.6	0.6	25	0.03
AMPLUS AGES PRIVATE LIMITED(1*100)	100	0	0	0	92	16:03	0	-	0.61	0.63	0.63	26	0.02
AURAIYA SOLAR(1 * 40)	40	0	0	0	0	-	0	-	0.18	0.15	0.15	6	-0.03
AVAADA RJHN PRIVATE LIMITED(1*240)	240	0	0	0	242	11:55	0	-	1.68	1.76	1.76	73	0.08
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER(1 * 350)	350	0	0	0	349	10:57	0	-	2.25	2.38	2.38	99	0.13
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	304	10:16	0	-	2.13	2.03	2.03	85	-0.1
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	306	14:19	0	-	2	2.07	2.07	86	0.07
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	301	10:57	0	-	2.01	2.13	2.13	89	0.12
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	250	15:06	0	-	1.5	1.42	1.42	59	-0.08
AZURE POWER FORTY THREE PRIVATE LIMITED(1 * 150 + 1 * 150 + 1 * 300)	600	0	0	0	433	11:00	0	-	3.38	3.28	3.28	137	-0.1
AZURE POWER INDIA PVT LTD.(4 * 50)	200	0	0	0	198	12:50	0	-	1.16	1.3	1.3	54	0.14
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	265	12:45	0	-	1.82	1.89	1.89	79	0.07
AZURE POWER THIRTY FOUR PRIVATE LTD(1 * 130)	130	0	0	0	135	11:51	0	-	0.87	0.94	0.94	39	0.07
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	1	0.96	0.96	40	-0.04
CLEAN SOLAR POWER (BHADLA) PVT LTD(1 * 300)	300	0	0	0	0	-	0	-	1.96	2	2	83	0.04
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	238	14:30	0	-	1.68	1.69	1.68	70	0

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	-	1.35	1.4	1.4	58	0.05
EDEN RENEWABLE ALMA PRIVATE LIMITED	100	0	0	0	247	15:16	0	-	1.43	1.57	1.56	65	0.13
EDEN RENEWABLE CITE PRIVATE LIMITED(1 * 300)	300	0	0	0	303	10:59	0	-	1.87	2.07	2.07	86	0.2
FATEHGARH SOLAR PV PROJECT(1*296)	296	0	0	0	0	-	0	-	1.95	1.9	1.9	79	-0.05
GORBEA SOLAR PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.53	1.6	1.6	67	0.07
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	90	15:44	0	-	0.62	0.62	0.61	25	-0.01
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	84	09:40	0	-	0.53	0.5	0.5	21	-0.03
JUNA RENEWABLE ENERGY PRIVATE LIMITED	168	0	0	0	0	-	0	-	1.39	1.34	1.34	56	-0.05
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	44	15:29	0	-	0.26	0.25	0.25	10	-0.01
KARNISAR SOLAR PLANT NHPC LIMITED	107	0	0	0	175	15:08	0	-	0.95	1.16	1.15	48	0.2
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	250	0	0	0	0	-	0	-	1.53	1.5	1.5	63	-0.03
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	2.95	3	3	125	0.05
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED(1 * 50)	50	0	0	0	47	13:54	0	-	0.33	0.33	0.33	14	0
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED(1 * 50)	50	0	0	0	47	14:05	0	-	0.31	0.32	0.32	13	0.01
M/S AZURE POWER FORTY ONE PRIVATE LIMITED(1 * 300)	300	0	0	0	283	14:30	0	-	1.98	2.03	2.03	85	0.05
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	94	15:48	0	-	0.62	0.61	0.61	25	-0.01
MEGA SOILS RENEWABLE PRIVATE LIMITED(1 * 250)	250	0	0	0	0	-	0	-	1.28	1.3	1.3	54	0.02
MEGA SURYAURJA PVT LTD(1*250)	250	0	0	0	0	-	0	-	1.55	1.6	1.6	67	0.05
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.63	0.65	0.65	27	0.02
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	158	0	0	0	0	-	0	-	0.99	0.97	0.97	40	-0.02
NOKHRA SOLAR POWER NTPC	300	0	0	0	0	-	0	-	1.36	1.4	1.4	58	0.04
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)(1 * 300)	300	0	0	0	300	10:54	0	-	1.83	1.91	1.91	80	0.08
RENEW SURYA RAVI PVT LTD(1*300)	300	0	0	0	238	09:45	0	-	1.38	1.46	1.46	61	0.08
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	281	15:05	0	-	1.76	1.89	1.89	79	0.13
RENEW SOLAR POWER PVT LTD(50)	50	0	0	0	224	11:00	0	-	0.35	1.54	1.54	64	1.19
RENEW SOLAR POWER PVT LTD. BIKANER(1 * 250)	250	0	0	0	0	-	0	-	1.57	1.6	1.6	67	0.03
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	278	14:41	0	-	1.69	1.77	1.77	74	0.08
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	283	14:14	0	-	1.63	1.74	1.74	73	0.11
RENEW SURYA JYOTI PRIVATE LIMITED	185	0	0	0	0	-	0	-	1.09	1	1	42	-0.09
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	191	10:41	0	-	1.3	1.25	1.24	52	-0.06
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	1.8	1.9	1.9	79	0.1
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	92	11:41	0	-	0.66	0.63	0.62	26	-0.04
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	215	11:49	0	-	1.42	1.43	1.43	60	0.01
SB ENERGY FOUR PVT LTD(2 * 100)	200	0	0	0	196	11:44	0	-	1.33	1.43	1.43	60	0.1
SB ENERGY SIX PRIVATE LIMITED(1 * 300)	300	0	0	0	302	14:24	0	-	1.83	2.06	2.06	86	0.23
SJVN GREEN ENERGY LIMITED	242	0	0	0	395	09:57	0	-	2.15	2.68	2.64	110	0.49
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED .BKN2	168	0	0	0	0	-	0	-	1.09	1.1	1.1	46	0.01
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	176	0	0	0	237	09:29	0	-	1.44	1.49	1.49	62	0.05
SINGRAULI SOLAR(15)	15	0	0	0	14	13:00	0	-	0.05	0.04	0.04	2	-0.01
SOLZEN URJA PRIVATE LIMITED(1 * 300)	300	0	0	0	267	11:06	0	-	1.75	1.76	1.76	73	0.01
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	85	15:27	0	-	0.16	0.53	0.53	22	0.37
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	233	11:32	0	-	1.56	1.47	1.47	61	-0.09
TATA POWER RENEWABLE ENERGY LTD(1 * 300)	300	0	0	0	277	10:58	0	-	1.85	1.87	1.83	76	-0.02
TATA POWER SAURYA LIMITED	110	0	0	0	90	09:40	0	-	0.59	0.57	0.57	24	-0.02
THAR SURYA IPRIVATE LIMITED(1*300)	300	0	0	0	301	14:28	0	-	1.99	2.07	2.07	86	0.08
TRANSITION ENERGY SERVICES PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.36	0.38	0.38	16	0.02
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	113	15:18	0	-	0.64	0.64	0.64	27	0
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	55	15:19	0	-	0.34	0.33	0.33	14	-0.01
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.34	0.4	0.4	17	0.06
UNCHAHAH SOLAR(10)	10	0	0	0	6	12:00	0.015	17:30	0.03	0.03	0.03	1	0

XL XERGI POWER PRIVATE LIMITED	400	0	0	0	280	15:15	0		1.81	1.8	1.79	75	-0.02
Sub-Total	18,548	0	0	0	-	-	-	-	117.67	122.07	121.87	5,080	4.2
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	596	10:17	0	-	4.47	4.9	4.89	204	0.42
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	77	153	157	21:03	0	-	4.78	2.45	2.45	102	-2.33
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	361	10:17	0	-	2.72	2.8	2.8	117	0.08
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	38	77	77	03:00	0	-	0.73	1.21	1.21	50	0.48
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	0	-	0	-	2.5	2.6	2.6	108	0.1
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	32	66	67	03:15	0	-	0.68	0.77	0.77	32	0.09
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	288	10:30	0	-	2.42	2.51	2.51	105	0.09
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	32	46	56	04:45	0	-	0.57	0.82	0.82	34	0.25
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	385	14:42	0	-	2.82	2.74	2.74	114	-0.08
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	38	94	99	02:45	0	-	1.16	1.32	1.32	55	0.16
Sub-Total	2,846	0	217	436	-	-	-	-	22.85	22.12	22.11	921	-0.74
Total	23,300	1,646	1,408	1,627					174.83	179.25	178.52	7,441	3.69

Summary Section						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	66,474	35,210	30,689	866.53	818.27	34,099
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		9,243	8,870	180.27	180.27	11,545
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		-49	-61	1.17	1.17	10
Total Regional Availability(Gross)	118,257	67,300	60,443	1,686.22	1,613.96	71,254

Total Hydro Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	11,342	10,416	244.94	241.5	10,066
State Control Area Hydro	7,855	5,533	4,692	144.74	144.57	6,026
Total Regional Hydro	22,577	16,875	15,108	389.68	386.07	16,092

Total Renewable Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	21,639	217	436	148.22	148	6,169
State Control Area Renewable	13,630	1,024	1,137	93.03	93	3,875
Total Regional Renewable	35,269	1,241	1,573	241.25	241	10,044

Total Solar Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	20,773	0	0	141.65	141.43	5,896
State Control Area Solar	8,586	59	60	60.8	60.8	2,533
Total Solar	29,359	59	60	202.45	202.23	8,429

Total Wind Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	217	436	6.57	6.57	273
State Control Area Wind	4,328	873	979	27.01	27.01	1,125
Total Wind	5,194	1,090	1,415	33.58	33.58	1,398

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	0.75	-0.75
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	1.3	0	1.3
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	1.2	0	1.2
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	0	0.6	-0.6
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	3.3	0	3.3
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	12.85	0	12.85
10	400KV-Gorakhpur (UP)-Motihari(DMT)	-400	-460	518	180	5.85	0	5.85
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	-575	-533	695	192	7.26	0	7.26

Import/Export between EAST REGION and NORTH REGION								
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	0.45	0	0.45
13	400KV-Varanasi (PG)-Sasaram(PG)	-	74	148	0	0.95	0	0.95
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	8.23	0	8.23
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	0	1.15	-1.15
16	765KV-Varanasi (PG)-Gaya(PG)	407	525	604	981	0	1.64	-1.64
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	-	-	-	-	9.34	0	9.34
Sub-Total EAST REGION		-568	-394	1,965	1,353	50.73	4.14	46.59
Import/Export between NORTH_EAST REGION and NORTH REGION								
1	HVDC800KV-Agra (PG)-Biswanath Charialli(PG)	-	-	-	-	7.3	0	7.3
Sub-Total NORTH_EAST REGION		0	0	0	0	7.3	0	7.3
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)	-109	-75	-	218	0	2.8	-2.8
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	131	113	135	-	2.84	0	2.84
6	220KV-Ranpur (RS)-Bhanpura(MP)	107	93	110	-	2.13	0	2.13
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-210	-331	527	727	0	0.69	-0.69
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	9.15	-9.15
10	400KV-RAPS C (NP)-Sujalpur	78	12	186	1,011	0	7.71	-7.71
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-801	-662	0	-833	0	10.35	-10.35
13	765KV-0rai-Jabalpur	1,748	1,214	2,014	0	15.1	0	15.1
14	765KV-0rai-Satna	628	634	687	0	10.65	0	10.65
15	765KV-Agra (PG)-Gwalior(PG)	-	-	-	-	16.6	0	16.6
16	765KV-Chittorgarh-Banaskata D/C	930	1,153	263	1,571	0	19.55	-19.55
17	765KV-Phagi (RJ)-Gwalior(PG)	1,226	825	1,326	-1,983	0.65	0	0.65
18	765KV-Varanasi (PG)-Vindhyachal(PG)	2,035	2,036	2,592	0	38	0	38
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	1,998	2,002	2,004	0	46.56	0	46.56
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	50	250	50	250	0	2.4	-2.4
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	2,000	2,000	2,000	0	46.5	0	46.5
Sub-Total WEST REGION		9,811	9,264	11,894	961	179.03	52.65	126.38
TOTAL IR EXCHANGE		9,243	8,870	13,859	2,314	237.06	56.79	180.27

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	100.24	18.99	0	-0.81	0	91.85	46.59	-45.26
NR-NORTH_EAST REGION	0	0	0	0	0	0	7.3	7.3
NR-WR	158.58	75.67	0	-83.02	0	101.46	126.38	24.92
Total	258.82	94.66	0	-83.83	0	193.31	180.27	-13.04

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	-61	65.328	55	1.24	0.07	1.17	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	3.52	45.67	80.36	13.9	2.22	0	16.12

<-----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	10:33:40	49.84	14:29:00	50	0.025	0.05	50.12	49.89	19.64

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index (% of time)
					< 380	< 390	> 420	> 430	
Abdullapur(PG) - 400KV	414	03:55	398	14:55	0	0	0	0	0
Amritsar(PG) - 400KV	411	03:55	393	14:55	0	0	0	0	0
Ballabgarh(PG) - 400KV	416	05:00	394	14:50	0	0	0	0	0

Bareilly II(PG) - 400KV	413	07:50	395	19:05	0	0	0	0	0
Bareilly(UP) - 400KV	414	07:50	396	19:05	0	0	0	0	0
Baspa(HP) - 400KV	410	00:40	393	14:20	0	0	0	0	0
Bassi(PG) - 400KV	417	04:00	396	09:55	0	0	0	0	0
Bawana(DTL) - 400KV	418	04:00	399	14:55	0	0	0	0	0
Dadri HVDC(PG). - 400KV	416	05:00	399	14:35	0	0	0	0	0
Gorakhpur(PG) - 400KV	414	07:50	390	21:30	0	0	0	0	0
Hisar(PG) - 400KV	418	04:00	396	14:50	0	0	0	0	0
Kanpur(PG) - 400KV	418	07:55	401	19:05	0	0	0	0	0
Kashipur(UT) - 400KV	416	06:00	407	19:05	0	0	0	0	0
Kishenpur(PG) - 400KV	412	04:10	403	14:55	0	0	0	0	0
Moga(PG) - 400KV	415	03:55	398	14:55	0	0	0	0	0
Nallagarh(PG) - 400KV	410	00:40	393	14:20	0	0	0	0	0
Rihand HVDC(PG) - 400KV	406	10:50	395	19:05	0	0	0	0	0
Rihand(NT) - 400KV	405	08:55	398	19:05	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	788	08:20	774	00:00	0	0	0	0	0
Balia(PG) - 765KV	788	07:45	752	21:20	0	0	0	0	0
Bareilly II(PG) - 765KV	783	07:50	749	19:05	0	0	0	0	0
Bhiwani(PG) - 765KV	798	04:00	765	14:30	0	0	0	0	0
Fatehpur(PG) - 765KV	796	07:45	760	19:05	0	0	0	0	0
Jhatikara(PG) - 765KV	794	04:00	754	14:35	0	0	0	0	0
Lucknow II(PG) - 765KV	798	07:45	740	21:35	0	1.39	0	0	0
Meerut(PG) - 765KV	799	07:55	763	14:35	0	0	0	0	0
Moga(PG) - 765KV	796	05:00	764	14:35	0	0	0	0	0
Phagi(RJ) - 765KV	799	01:20	767	09:55	0	0	0	0	0
Unnao(UP) - 765KV	778	08:20	746	21:35	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	-400	-300	0	0	0	882.71	0	-650	-998.86	0	-100	-100
HARYANA	1,914.78	10.18	-674.61	-274.9	0	0	0	1,496.78	0.06	0.29	-100	0	0	0
RAJASTHAN	975.96	-11.09	-499.29	-197.1	0	0	0	894.49	-38.21	-51.49	20.94	0	0	-300
DELHI	1,091.92	0.77	-178	17.76	0	0	0	1,617.25	3.11	15.01	-59.11	0	0	0
UTTAR PRADESH	201.87	107.9	232.62	451.73	0	0	0	1,991.18	1.25	4.94	565.86	0	0	241.82
UTTARAKHA ..	-245	-3.2	114.14	-50	0	0	0	-245	-11.2	6.68	97.84	0	0	0
HIMACHAL PRADESH	-17.62	-61.1	-9.4	-79	0	0	0	-18.74	-61.1	-13.17	-73.55	0	0	0
J&K(UT) & LADAKH(UT)	-300	-42.6	-14.4	-972.8	0	0	0	-426	-48.3	-14.4	56.38	0	0	0
CHANDIGARH	46.19	0	-130	0	0	0	0	81.59	0	-90	-11	0	0	0
RAILWAYS_NRISTS	31.72	31.39	28.54	0	0	0	0	31.72	0.18	0.86	19.9	0	0	0
TOTAL	4,682.53	32.25	-1,530.4	-1,404.31	0	0	0	6,305.98	-154.21	-791.28	-481.6	0	-100	-158.18

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	119.37	26.57	0	-8.12	-8.3	129.52
HARYANA	140.68	46.5	0.78	-14.89	-8.62	163.29
RAJASTHAN	91.39	20.52	-0.66	-18.12	-12.6	80.53
DELHI	96.66	29.74	0.09	0.19	0.51	127.19
UTTAR PRADESH	194.41	12.15	1.29	-3.64	16.72	221.51
UTTARAKHAND	25.22	-5.58	-0.11	3.13	1.54	23.07
HIMACHAL PRADESH	0.79	-0.3	-1.24	-0.75	-1.48	-2.98
J&K(UT) & LADAKH(UT)	41.11	-3.96	-0.66	-0.23	-9.1	27.16
CHANDIGARH	7.02	1.32	0	-1.98	-0.02	6.34
RAILWAYS_NR ISTS	1.86	0.76	0.25	0.51	0.34	3.72
TOTAL	718.51	127.72	-0.26	-43.9	-21.01	779.35

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	5,194.48	4,636.44	1,464.63	882.71	0	0	0	0
HARYANA	6,264.21	4,819	2,734.58	298.79	100.02	0	0	0
RAJASTHAN	4,614.18	2,508.65	1,091	641.8	29.02	-46.7	0	0
DELHI	4,372.48	3,614.12	1,759.68	861.53	49.33	0	0	0
UTTAR PRADESH	9,795.24	5,950.66	1,991.61	-88.32	182.62	-11	10.64	0
UTTARAKHAND	1,250.36	884.53	-204.85	-245	0.38	-19.2	0	0
HIMACHAL PRADESH	336.83	-199.14	-2.91	-18.74	-22.89	-61.1	0	0
J&K(UT) & Ladakh(UT)	1,778.91	1,631.96	0	-426	0	-48.3	0	0
CHANDIGARH	328.28	237.68	81.59	29.46	0	0	0	0
RAILWAYS_NR ISTS	77.66	74.03	31.72	31.72	59.97	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	-1,350	0	-100	628.74	-1,600	0	-100
HARYANA	12.72	-2,192.26	0	0	300.06	-1,189.26	0	-300
RAJASTHAN	45.05	-2,185.58	0	0	51.65	-1,604.9	0	-400
DELHI	257.63	-523	0	0	585.22	-302.52	0	0
UTTAR PRADESH	823.51	-4,036.45	0	-93	2,198.49	-168.02	483.65	0
UTTARAKHAND	403.56	0	0	0	291.54	-125	0	0
HIMACHAL PRADESH	0	-192.18	0	0	208.34	-180.4	0	0
J&K(UT) & LADAKH(UT)	0	-14.4	0	0	83.29	-973.1	0	0
CHANDIGARH	0	-190	0	0	12.57	-18	0	0
RAILWAYS_NR ISTS	59.97	0	0	0	59.97	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	511.12	1,605	501.63	1,166	1,322.62	1,042.82
Chamera-I	748.75	760	753.95	756.12	7	-	-	469.84	189.99
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	610.45	5	349.04	352.93
Pong	384.05	426.72	1,084	423.72	1,066	416.02	718	983.64	484.98
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	524.53	361	501.11	113	534.3	497.12
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	828.4	1,130	826.72	1,095	418.11	348
TOTAL	-	-	-	-	4,174	-	3,097	4,077.55	2,915.84

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	6
DELHI	9	37
HARYANA	4	11
HIMACHAL PRADESH	2	12
J&K(UT) & Ladakh(UT)	6	12
PUNJAB	5	11
RAJASTHAN	8	17
UTTAR PRADESH	1	7
UTTARAKHAND	6	15

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	5,518	3,681	5945	19:15:00	98.13	4,089
NCR_DRAWAL	-	14,702	12,698	15630	23:15:00	321.35	13,390
NCR_DEMAND	-	20,221	16,378	20419	22:15:00	419.48	17,479
LADAKH_DEMAND	-	14	-8	15	19:30:00	-0.01	-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	0.31	155	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