



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

Power Supply Position in Northern Region For 05-Sep-2025

Date of Reporting:06-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
64,725	0	64,725	50.12	50,740	0	50,740	50	1,334	0.13

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	58.46	24.62	0	4.62	0	1.72	89.41	93.49	94.5	1.01	183.91	0	183.91
HARYANA	36.71	0.03	0	1.2	0	0.74	38.68	146.18	144.14	-2.04	182.82	0	182.82
RAJASTHAN	89.9	6.73	1.82	39.56	6.99	5.68	150.69	101.81	95.96	-5.85	246.65	0	246.65
DELHI	0	0	4.18	0	0	1.4	5.58	110.37	109.21	-1.16	114.79	0	114.79
UTTAR PRADESH	214.34	28.8	0	13.4	0	0.6	257.14	211	211.21	0.21	468.35	0	468.35
UTTARAKHAND	0	17.26	0	0.52	0	0	17.78	30.25	31.16	0.91	49.07	0.13	48.94
HIMACHAL PRADESH	0	27.96	0	0.13	0	0	28.09	6.85	6.29	-0.56	34.38	0	34.38
J&K(UT) & Ladakh(UT)	0	22.39	0	0	0	0	22.39	20.72	21.88	1.16	44.27	0	44.27
CHANDIGARH	0	0	0	0	0	0	0	5.37	5.35	-0.02	5.35	0	5.35
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.73	4.21	0.48	4.21	0	4.21
Region	399.41	127.79	6	59.43	6.99	10.14	609.76	729.77	723.91	-5.86	1,333.8	0.13	1,333.67

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	8,603	0	403	-530	7,418	5,822	0	157	-1,683
HARYANA	8,536	0	-17	105	7,698	6,958	0	-157	664
RAJASTHAN	10,535	0	-101	1,009	10,208	9,677	0	192	1,287
DELHI	5,139	0	6	1,090	4,782	4,132	0	102	898
UTTAR PRADESH	25,304	0	-108	4,923	19,519	19,697	0	67	1,293
UTTARAKHAND	2,300	0	3	253	2,044	1,830	0	97	28
HIMACHAL PRADESH	1,546	0	51	-196	1,432	1,126	0	-6	-103
J&K(UT) & Ladakh(UT)	2,296	0	104	-491	1,845	1,147	0	168	-1,540
CHANDIGARH	271	0	4	-60	223	153	0	0	-150
RAILWAYS_NR ISTS	194	0	25	61	175	198	0	29	91
Region	64,724	0	370	6,164	55,344	50,740	0	649	785

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	8,715	19:00	0	8,715	8,715	19:00	0	8,715	5,822	3:00	-	-	-	-
HARYANA	8,652	21:00	0	8,652	8,652	21:00	0	8,652	6,865	7:00	-	-	-	-
RAJASTHAN	10,661	19:00	0	10,661	10,661	19:00	0	10,661	9,602	4:00	-	-	-	-
DELHI	5,361	12:00	0	5,361	5,361	12:00	0	5,361	3,899	6:00	-	-	-	-
UP	25,304	20:00	0	25,304	25,304	20:00	0	25,304	15,418	7:00	-	-	-	-
UTTARAKHA ..	2,344	18:00	0	2,344	2,344	18:00	0	2,344	1,817	2:00	-	-	-	-
HP	1,738	9:00	0	1,738	1,738	9:00	0	1,738	1,099	2:00	-	-	-	-
J&K(UT)&Lad ..	2,296	20:00	0	2,296	2,296	20:00	0	2,296	1,147	3:00	-	-	-	-
CHANDIGARH	284	19:00	0	284	284	19:00	0	284	153	3:00	-	-	-	-
RAILWAYS_NR ISTS	211	2:00	0	211	211	2:00	0	211	115	14:00	-	-	-	-
NR	64,725	20:00	0	64,725	64,725	20:00	0	64,725	49,184	5:00	-	-	-	-

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	35	26	35	20:00	25	11:00	0.71	0.67	28
PRAGATI GAS TURBINES(1 * 121.2 + 2 * 104.6)	331	147	147	148	04:00	143	12:00	3.59	3.5	146
RITHALA GPS(3 * 36)	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	182	173					4.3	4.17	174
WIND	0	0	0	0		0				
BIOMASS(52)	52	61	56	62	21:00	54	00:00	1.62	1.4	58
SOLAR(2)	2	0	0	0		0				
Total DELHI	2,145	243	229					5.92	5.57	232

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	490	348	495	19:00	173	12:00	8.99	8.08	337
JHAJJAR(CLP)(2 * 660)	1,320	1,172	755	1,214	21:00	741	16:00	21.29	19.87	828
MAGNUM DIESEL (IPP)(4 * 6.3)	25	0	0	0		0				
PANIPAT TPS(1 * 210 + 2 * 250)	710	0	0	0		0				
RGTPP(KHEDAR)(2 * 600)	1,200	486	358	486	20:00	349	06:00	9.13	8.76	365
Total THERMAL	3,855	2,148	1,461					39.41	36.71	1,530
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	0	0	13	00:00	3	21:00	0.03	0.03	1
Total HYDEL	65	0	0					0.03	0.03	1
WIND	0	0	0	0		0				
BIOMASS(106)	106	0	0	0		0		0.74	0.74	31
SOLAR(196)	196	0	0	0		0		1.2	1.2	50
Total HARYANA	4,654	2,148	1,461					41.38	38.68	1,612

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	47	0	60	21:00	0	01:00	0.29	0.29	12
BASPA (IPP) HPS(3 * 100)	300	301	301	301	07:00	301	01:00	7.22	7.12	297
MALANA (IPP) HPS(2 * 43)	86	0	0	0	00:00	0	00:00	0	0	0
MALANA2(2 * 50)	100	0	0	0		0				
SAWARA KUDDU(3 * 37)	111	111	65	111	07:00	37	01:00	2.35	2.35	98
OTHER HYDRO HP(503.75)	504	291	219	0		0		5.5	5.47	228
Total HYDEL	1,281	750	585					15.36	15.23	635
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	785	506	0		0		12.74	12.73	530
Total SMALL HYDRO	765	785	506					12.74	12.73	530
Total HP	2,065	1,535	1,091					28.23	28.09	1,170

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		19.74	19.74	823
OTHER HYDRO/IPP J&K(308)	308	0	0	0		0		2.65	2.65	110
Total HYDEL	1,208	0	0					22.39	22.39	933
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					22.39	22.39	933

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	145	145	219	22:00	145	01:00	3.97	3.61	150
GURU GOBIND SINGH TPS (ROPAR)(4 * 210)	840	0	0	0	01:00	0	01:00	0	-0.1	-4
GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)(2 * 210 + 2 * 250)	920	443	313	451	22:00	313	01:00	8.92	8.06	336
RAJPURA(NPL) TPS(2 * 700)	1,400	1,320	660	1,320	20:00	660	02:00	22.55	21.44	893
TALWANDI SABO TPS(3 * 660)	1,980	1,502	924	1,822	22:00	728	18:00	27.5	25.45	1,060
Total THERMAL	5,680	3,410	2,042					62.94	58.46	2,435
ANANADPUR SAHIB HYDRO PLANT(2 * 33.5 + 2 * 33.5)	134	112	112	112	01:00	112	01:00	2.72	2.72	113
MUKERIAN HYDRO PLANT(6 * 15 + 6 * 19.5 + 2 * 9)	225	162	154	162	15:00	154	03:00	3.76	3.76	157
RANJIT SAGAR POWER PLANT (4 * 150)	600	600	600	600	01:00	600	01:00	14.48	14.43	601
SHANAN(4 * 15 + 1 * 50)	110	90	0	105	18:00	0	01:00	0.84	0.84	35
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	964	866					24.68	24.63	1,026
WIND	0	0	0	0		0				
BIOMASS(303)	303	0	0	0		0		1.72	1.72	72
SOLAR(881)	881	58	59	484	12:00	58	19:00	4.62	4.62	193
Total PUNJAB	8,025	4,432	2,967					93.96	89.43	3,726

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	220	222	222	03:00	152	13:00	5.68	5.01	209
CHHABRA TPS(2 * 660 + 4 * 250)	2,320	1,586	1,595	1,794	01:00	1,112	14:00	36.64	33.91	1,413
GIRAL (IPP) LTPS(2 * 125)	250	0	0	0		0				
KALISINDH TPS(2 * 600)	1,200	1,018	637	1,036	21:00	646	17:00	20.19	18.81	784
KAWAI TPS(2 * 660)	1,320	0	0	0		0				
KOTA TPS(2 * 110 + 2 * 195 + 3 * 210)	1,240	139	126	144	22:00	120	10:00	3.71	3.29	137
RAJWEST (IPP) LTPS(8 * 135)	1,080	700	695	703	23:00	552	14:00	17.35	15.05	627
SURATGARH TPS (6 * 250 + 2 * 660(SSCTPS))	2,820	735	513	735	20:00	503	12:00	14.8	13.84	577
VSLPP (IPP)(1 * 135)	135	0	0	0		0				
Total THERMAL	10,615	4,398	3,788					98.37	89.91	3,747
DHOLPUR GPS(3 * 110)	330	0	0	0		0				
RAMGARH GPS(1 * 110 + 1 * 35.5 + 1 * 50 + 2 * 37.5)	271	73	73	73	01:00	72	14:00	1.89	1.82	76
Total GAS/NAPTHA/DIESEL	601	73	73					1.89	1.82	76
RAPS-A(1 * 100 + 1 * 200)	300	177	176	178	14:00	175	09:00	4.61	4.28	178
Total NUCLEAR	300	177	176					4.61	4.28	178
TOTAL HYDRO RAJASTHAN(550)	550	333	293	333	20:00	255	15:00	6.74	6.73	280
Total HYDEL	550	333	293					6.74	6.73	280
WIND(1 * 4328)	4,328	345	169	369	19:00	34	10:00	6.99	6.99	291
BIOMASS(102)	102	58	58	58	01:00	58	06:00	1.4	1.4	58
SOLAR(4568)	4,568	4	0	4,905	14:00	0	06:00	39.56	39.56	1,648
Total RAJASTHAN	21,064	5,388	4,557					159.56	150.69	6,278

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	1,356	1,228	1,369	01:00	875	11:00	29.2	27	1,125
ANPARA-C TPS(2 * 600)	1,200	1,101	1,101	1,110	01:00	602	10:00	22.9	21.2	883
ANPARA-D TPS(2 * 500)	1,000	928	938	938	03:00	547	16:00	21	19.7	821
BAJAJ ENERGY PVT LTD (IPP) TPS(10 * 45)	450	0	0	0		0				
BARA PPGCL TPS(3 * 660)	1,980	1,694	1,131	1,713	23:00	1,014	10:00	34.9	32.3	1,346
GHATAMPUR TPS (1*660)	660	0	0	0		0				
HARDUAGANJ TPS(1 * 110 + 2 * 250 + 1*660)	1,270	0	0	0		0				
INFIRM POWER	660	0	0	0		0				
JAWAHARPUR TPS(2*660)	1,320	0	0	0		0				
JP CHURK(3 * 60)	180	0	0	0		0				
KHURJA TPS(1 * 660)	660	664	668	678	22:08	356	13:00	12.74	11.64	485
LALITPUR TPS(3 * 660)	1,980	1,587	1,025	1,833	19:00	1,010	06:00	29.7	27.9	1,163
MEJA TPS(2 * 660)	1,320	1,172	1,073	1,222	23:00	674	04:00	22.1	20.7	863
OBRA TPS(5 * 200+1*660)	1,660	1,275	1,065	1,275	20:00	1,025	08:00	29.5	26.6	1,108
PANKI_I TPS(1 * 660)	660	0	0	0		0				
PARICHA TPS(2 * 210 + 2 * 250)	920	740	485	740	20:00	477	18:00	13.1	12	500
ROSA TPS(4 * 300)	1,200	991	606	1,003	19:00	577	10:00	16.8	15.3	638
TANDA TPS(4 * 110)	440	0	0	0		0				
Total THERMAL	19,190	11,508	9,320					231.94	214.34	8,932
ALAKHANANDA HEP(4 * 82.5)	330	347	343	349	10:00	343	03:00	8.3	8.3	346
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	171	124	184	18:00	123	15:00	3.3	3.3	138
Total HYDEL	1,297	1,234	1,183					28.8	28.8	1,201
WIND	0	0	0	0		0				
BIOMASS(26)	26	0	0	0		0				
SOLAR(2430)	2,642	0	0	1,590	12:00	0	01:00	13.4	13.4	558
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	12,767	10,528					274.74	257.14	10,716

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	853	645	861	22:00	643	02:00	17.33	17.26	719
Total HYDEL	1,250	853	645					17.33	17.26	719
WIND	0	0	0	0		0				
BIOMASS(127)	127	0	0	0		0				
SOLAR(278)	278	0	0	75	11:00	2	18:00	0.52	0.52	22
SMALL HYDRO(180)	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	853	645					17.85	17.78	741

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	915	588	996	19:00	543	13:15	14.08	15.5	14.19	0.25	591	-0.14
Sub-Total	1,500	1,411	915	588	-	-	-	-	14.08	15.5	14.19	0.25	591	-0.14
BBMB														
BHAKRA HPS(5 * 126 + 5 * 157)	1,415	1,362	1,401	1,115	1,401	20:00	1,203	07:00	31.5	31.86	31.47	0	1,311	-0.03
DEHAR HPS(6 * 165)	990	580	660	0	660	20:00	0	07:00	3.79	4	3.92	0	163	0.13
PONG HPS(6 * 66)	396	352	360	360	360	20:00	360	07:00	8.45	8.67	8.51	0	355	0.06
Sub-Total	2,801	2,294	2,421	1,475	-	-	-	-	43.74	44.53	43.9	0	1,829	0.16
NHPC														
BAIRASIUL HPS(3 * 60)	180	0	0	0	0	-	0	-	0	0	0	0	0	0
CHAMERA I HPS(3 * 180)	540	360	361	360	366	19:00	230	17:00	8.46	8.44	8.36	0	348	-0.1
CHAMERA II HPS(3 * 100)	300	208	201	200	202	22:00	199.34	09:00	4.77	4.81	4.78	0	199	0.01
CHAMERA III HPS(3 * 77)	231	240	229	90	230	21:00	0	-	3.61	3.81	3.77	0	157	0.16
DHAULIGANGA HPS(4 * 70)	280	210	208	211	212	12:00	206.8	18:00	4.99	5.06	5.04	0	210	0.05
DULHASTI HPS(3 * 130)	390	128	133	130	133	20:00	129.4	05:00	3.08	3.15	3.1	0	129	0.02
KISHANGANGA(3 * 110)	330	336	335	333	337	22:00	331.7	06:00	7.94	8.03	7.99	0	333	0.05
PARBATI III HEP(4 * 130)	520	0	0	0	0	-	0	-	2.33	2.07	2.04	0	85	-0.29
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	710	724	595	728	23:59	482	15:00	15.89	16.13	15.93	0	664	0.04
SEWA-II HPS(3 * 40)	120	126	126	126	128	01:00	0	-	2.96	3.04	3	0	125	0.04
TANAKPUR HPS(1 * 31.42 + 2 * 31.4)	94	67	70	71	82	04:59	69.3	14:00	1.74	1.77	1.74	0	73	0
URI HPS(4 * 120)	480	240	125	120	424	18:00	0	23:00	3.56	3.25	3.22	0	134	-0.34
URI-II HPS(4 * 60)	240	215	230	233	233	03:00	228.05	10:00	4.94	5.55	5.51	0	230	0.57
Sub-Total	5,195	2,840	2,742	2,469	-	-	-	-	64.27	65.11	64.5	0	2,688	0.23
NPCL														
NAPS(2 * 220)	440	191	216	216	220	04:00	0	-	4.58	5.09	4.47	0	186	-0.11
RAPP-D	700	415	0	0	0	-	0	-	9.96	11.66	11.03	0	460	1.07
RAPS-B(2 * 220)	440	351	393	399	399	03:00	0	-	8.43	9.45	8.37	0	349	-0.06
RAPS-C(2 * 220)	440	407	447	450	450	01:00	0	-	9.77	10.85	9.72	0	405	-0.05
Sub-Total	2,020	1,364	1,056	1,065	-	-	-	-	32.74	37.05	33.59	0	1,400	0.85
NTPC														
ANTA GPS(1 * 153.2 + 3 * 88.71)	419	384	0	0	0	-	0	-	0	0	0.03	0	1	0.03
AURAIYA GPS(2 * 109.3 + 4 * 111.19)	663	634	0	0	0	-	0	-	0	0	0.04	0	2	0.04
DADRI GPS(2 * 154.51 + 4 * 130.19)	830	800	0	0	0	-	0	-	0	0	0.04	0	2	0.04
DADRI-I TPS(4 * 210)	840	769	0	0	0	-	0	-	2.33	2.58	2.05	0	85	-0.28
DADRI-II TPS(2 * 490)	980	919	0	0	0	-	0	-	13.59	14.98	13.84	0	577	0.25
KOLDAM HPS(4 * 200)	800	871	862	860	868	13:00	0	-	20.51	20.64	20.53	0	855	0.02
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	3.93	3.89	3.89	0	162	-0.04
RIHAND-I STPS(2 * 500)	1,000	450	468	485	503	23:00	279	14:00	9.22	10.06	9.12	0.06	380	-0.16
RIHAND-II STPS(2 * 500)	1,000	943	937	982	1,013	23:00	558	14:00	19.23	20.47	19.09	0.11	795	-0.25
RIHAND-III STPS(2 * 500)	1,000	943	909	986	1,009	23:00	562	10:00	19.23	20.4	19.23	0.09	801	-0.09
SINGRAULI HYDRO(1 * 8)	8	0	0	0	0	-	0	-	0	0	0	0	0	0
SINGRAULI STPS(2 * 500 + 5 * 200)	2,000	1,389	1,483	1,511	1,483	20:00	0	-	28.07	31.01	27.96	0	1,165	-0.11
TANDA TPS STAGE-II(2 * 660)	1,320	1,244	1,271	843	1,271	20:00	0	-	22.42	24.22	22.59	0	941	0.17
UNCHAHAH II TPS(2 * 210)	420	375	384	246	384	20:00	0	-	5.61	6.63	5.7	0.06	238	0.03
UNCHAHAH III TPS(1 * 210)	210	0	0	0	0	-	0	-	0	0	0	0	0	0
UNCHAHAH IV TPS(1 * 500)	500	466	457	300	457	20:00	0	-	7.76	8.67	8.09	0.27	337	0.06
UNCHAHAH TPS(2 * 210)	420	185	207	127	207	20:00	0	-	2.67	3.36	2.8	0	117	0.13
Sub-Total	12,655	10,372	6,978	6,340	-	-	-	-	154.57	166.91	155	0.59	6,458	-0.16
SJVNL														
NATHPA-JHAKRI HPS(6 * 250)	1,500	1,630	1,454	1,486	1,507	08:00	1,343	16:00	35.57	35.41	35.13	-0.16	1,464	-0.28
RAMPUR HEP(6 * 68.67)	412	449	415	414	417	17:00	390	14:00	9.8	9.91	9.84	0	410	0.04
Sub-Total	1,912	2,079	1,869	1,900	-	-	-	-	45.37	45.32	44.97	-0.16	1,874	-0.24
THDC														
KOTESHWAR HPS(4 * 100)	400	400	398	395	407	17:00	382	18:00	9.6	9.52	9.51	-0.16	396	0.07
TEHRI HPS(4 * 250)	1,000	1,072	1,049	1,077	1,081	11:00	1,011	10:00	25.73	25.71	25.56	-0.02	1,065	-0.15
TEHRI PSP(4 * 250)	1,000	250	255	255	255	00:00	0	-	6	6.05	6.05	0	252	0.05
Sub-Total	2,400	1,722	1,702	1,727	-	-	-	-	41.33	41.28	41.12	-0.18	1,713	-0.03

Total	28,483	22,082	17,683	15,564				396.1	415.7	397.27	0.5	16,553	0.67
-------	--------	--------	--------	--------	--	--	--	-------	-------	--------	-----	--------	------

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	0.01	0	0	0
BUDHIL HPS (IPP)(2 * 35)	70	0	0	0	0	-	0	-	0	0	0	0	0
KARCHAM WANGTOO HPS(4 * 261.25)	1,045	1,126	1,045	1,045	1,045	22:00	1,045	16:00	24.8	24.95	24.81	1,034	0.01
SAINJ HEP(2 * 50)	100	0	0	0	0	-	0	-	0	-	-	-	-
SHREE CEMENT (IPP) TPS(2 * 150)	300	337	344	86	344	20:00	0	-	3.65	3.88	3.62	151	-0.03
SINGOLI BHATWARI HEP(3 * 33)	99	107	72	72	73	01:43	0	-	1.62	1.74	1.72	72	0.1
SORANG HYDROELECTRIC PROJECT(2 * 50)	100	75	101	95	101	14:00	0	-	2.31	2.32	2.31	96	0
Sub-Total	1,906	1,645	1,562	1,298	-	-	-	-	32.38	32.9	32.46	1,353	0.08
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	357	0	0	0	0	-	0	-	2.17	1.37	1.37	57	-0.8
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	1.22	1.33	1.33	55	0.11
ACME CHITTORGARH SOLAR ENERGY PVT LTD(1 * 250)	250	0	0	0	184	09:46	0	-	1.25	1.13	1.13	47	-0.12
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	310	15:02	0	-	1.91	1.9	1.9	79	-0.01
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	1.99	1.63	1.63	68	-0.36
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	287	14:48	0	-	1.92	1.76	1.75	73	-0.17
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	287	14:46	0	-	1.9	1.75	1.75	73	-0.15
ACME SIKAR SOLAR PRIVATE LIMITED	53	0	0	0	0	-	0	-	1.31	1.35	1.35	56	0.04
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	286	14:50	0	-	1.9	1.87	1.87	78	-0.03
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.5	0.54	0.54	23	0.04
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.49	0.54	0.54	23	0.05
ADANI GREEN ENERGY TWENTY FOUR LIMITED	405	0	0	0	429	15:17	0	-	2.34	2.25	2.23	93	-0.11
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)(1 * 200)	200	0	0	0	206	13:47	0	-	1.21	1.22	1.22	51	0.01
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	156	12:00	0	-	1.03	1.06	1.06	44	0.03
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150)	150	0	0	0	149	12:15	0	-	0.92	1.01	1.01	42	0.09
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.24	0.26	0.26	11	0.02
ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150)	150	0	0	0	150	10:45	0	-	1.07	1.07	1.07	45	0
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	174	13:07	0	-	1.28	1.39	1.39	58	0.11
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	113	09:26	0	-	0.62	0.62	0.62	26	0
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	330	10:00	0	-	2	2.25	2.25	94	0.25
AMBUJA CEMENTS LIMITED	150	0	0	0	0	-	0	-	0.95	0.92	0.92	38	-0.03
AMP ENERGY GREEN FOUR PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.5	0.51	0.51	21	0.01
AMPLUS AGES PRIVATE LIMITED(1*100)	100	0	0	0	89	09:37	0	-	0.53	0.47	0.47	20	-0.06
AURAIYA SOLAR(1 * 40)	40	0	0	0	0	-	0	-	0.17	0.17	0.14	6	-0.03
AVAADA RJHN PRIVATE LIMITED(1*240)	240	0	0	0	252	12:31	0	-	1.57	1.62	1.62	68	0.05
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER(1 * 350)	350	0	0	0	315	15:02	0	-	1.96	1.9	1.9	79	-0.06
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	0	-	0	-	1.82	1.69	1.69	70	-0.13
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	284	15:04	0	-	1.75	1.68	1.68	70	-0.07
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	279	15:02	0	-	1.71	1.64	1.64	68	-0.07
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	258	09:35	0	-	1.3	1.28	1.28	53	-0.02
AZURE POWER FORTY THREE PRIVATE LIMITED(1 * 150 + 1 * 150 + 1 * 300)	600	0	0	0	388	09:45	0	-	2.85	2.7	2.7	113	-0.15
AZURE POWER INDIA PVT LTD.(4 * 50)	200	0	0	0	190	13:26	0	-	1.1	1.08	1.08	45	-0.02
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	267	12:50	0	-	1.73	1.77	1.77	74	0.04
AZURE POWER THIRTY FOUR PRIVATE LTD(1 * 130)	130	0	0	0	135	13:08	0	-	0.79	0.75	0.75	31	-0.04
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	0.97	1.36	1.36	57	0.39
CLEAN SOLAR POWER (BHADLA) PVT LTD(1 * 300)	300	0	0	0	265	10:23	0	-	1.7	1.55	1.55	65	-0.15
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	211	14:25	0	-	1.38	1.23	1.22	51	-0.16

DADRI SOLAR(5)	5	0	0	0	3	-	0	-	0.02	0.01	0.01	0	-0.01
DEVIKOT SOLAR POWER NTPC	240	0	0	0	0	-	0	-	1.35	1.46	1.46	61	0.11
EDEN RENEWABLE ALMA PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.21	1.34	1.34	56	0.13
EDEN RENEWABLE CITE PRIVATE LIMITED(1 * 300)	300	0	0	0	267	15:43	0	-	1.65	1.77	1.77	74	0.12
FATEHGARH SOLAR PV PROJECT(1*296)	296	0	0	0	0	-	0	-	1.46	1.42	1.42	59	-0.04
GORBEA SOLAR PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.4	1.41	1.41	59	0.01
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	90	09:35	0	-	0.54	0.47	0.47	20	-0.07
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	91	15:46	0	-	0.5	0.44	0.44	18	-0.06
JUNA RENEWABLE ENERGY PRIVATE LIMITED	168	0	0	0	0	-	0	-	1.34	1.31	1.31	55	-0.03
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	44	15:46	0	-	0.25	0.21	0.21	9	-0.04
KARNISAR SOLAR PLANT NHPC LIMITED	107	0	0	0	0	-	0	-	0.83	0.97	0.97	40	0.14
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	250	0	0	0	0	-	0	-	1.51	1.36	1.36	57	-0.15
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	2.39	2.24	2.24	93	-0.15
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED(1 * 50)	50	0	0	0	47	13:47	0	-	0.31	0.28	0.28	12	-0.03
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED(1 * 50)	50	0	0	0	47	13:47	0	-	0.27	0.28	0.28	12	0.01
M/S AZURE POWER FORTY ONE PRIVATE LIMITED(1 * 300)	300	0	0	0	230	10:00	0	-	1.69	1.43	1.43	60	-0.26
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	89	15:16	0	-	0.55	0.5	0.5	21	-0.05
MEGA SOILS RENEWABLE PRIVATE LIMITED(1 * 250)	250	0	0	0	0	-	0	-	1.3	1.27	1.27	53	-0.03
MEGA SURYAURJA PVT LTD(1*250)	250	0	0	0	0	-	0	-	1.32	1.23	1.23	51	-0.09
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.32	0.47	0.47	20	0.15
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	158	0	0	0	0	-	0	-	1.02	1.05	1.05	44	0.03
NOKHRA SOLAR POWER NTPC	300	0	0	0	0	-	0	-	1.22	1.12	1.12	47	-0.1
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)(1 * 300)	300	0	0	0	287	15:07	0	-	1.43	1.55	1.55	65	0.12
RENEW SURYA RAVI PVT LTD(1*300)	300	0	0	0	236	15:40	0	-	1.14	1.19	1.19	50	0.05
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	280	15:16	0	-	1.59	1.7	1.7	71	0.11
RENEW SOLAR POWER PVT LTD(50)	50	0	0	0	45	14:58	0	-	0.32	0.3	0.3	13	-0.02
RENEW SOLAR POWER PVT LTD. BIKANER(1 * 250)	250	0	0	0	0	-	0	-	1.38	1.2	1.2	50	-0.18
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	242	09:59	0	-	1.53	1.63	1.63	68	0.1
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	244	09:48	0	-	1.47	1.61	1.61	67	0.14
RENEW SURYA JYOTI PRIVATE LIMITED	185	0	0	0	194	12:29	0	-	1.07	1.16	1.16	48	0.09
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	0	-	0	-	1.3	1.44	1.43	60	0.13
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	1.75	1.77	1.77	74	0.02
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.67	0.68	0.67	28	0
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	209	12:47	0	-	1.35	1.27	1.27	53	-0.08
SB ENERGY FOUR PVT LTD(2 * 100)	200	0	0	0	186	10:21	0	-	1.23	1.08	1.08	45	-0.15
SB ENERGY SIX PRIVATE LIMITED(1 * 300)	300	0	0	0	302	15:08	0	-	1.67	1.91	1.91	80	0.24
SJVN GREEN ENERGY LIMITED	242	0	0	0	0	-	0	-	1.87	2.26	2.26	94	0.39
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED_BKN2	168	0	0	0	0	-	0	-	1.03	0.93	0.93	39	-0.1
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	176	0	0	0	224	08:51	0	-	1.37	1.17	1.17	49	-0.2
SINGRAULI SOLAR(15)	15	0	0	0	0	-	0	-	0.06	0.07	0.07	3	0.01
SOLZEN URJA PRIVATE LIMITED(1 * 300)	300	0	0	0	235	13:06	0	-	1.44	1.65	1.65	69	0.21
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	84	09:21	0	-	0.14	0.49	0.49	20	0.35
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	222	12:30	0	-	1.45	1.43	1.43	60	-0.02
TATA POWER RENEWABLE ENERGY LTD(1 * 300)	300	0	0	0	239	15:05	0	-	1.65	1.49	1.45	60	-0.2
TATA POWER SAURYA LIMITED	110	0	0	0	94	14:44	0	-	0.53	0.52	0.52	22	-0.01
THAR SURYA IPRIVATE LIMITED(1*300)	300	0	0	0	264	15:15	0	-	1.72	1.64	1.64	68	-0.08
TRANSITION ENERGY SERVICES PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.34	0.51	0.51	21	0.17
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	103	09:16	0	-	0.54	0.59	0.59	25	0.05
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	51	09:15	0	-	0.3	0.29	0.29	12	-0.01
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.29	0.27	0.27	11	-0.02
UNCHAHAHAR SOLAR(10)	10	0	0	0	0	-	0	-	0.04	0.04	0.04	2	0

XL XERGI POWER PRIVATE LIMITED	400	0	0	0	246	10:12	0		1.7	1.81	1.8	75	0.1
Sub-Total	18,548	0	0	0	-	-	-	-	104.87	104.31	104.17	4,348	-0.7
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	596	15:29	0	-	3.86	3.66	3.65	152	-0.21
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	0	0	0	-	0	-	2.18	1.52	1.52	63	-0.66
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	360	14:03	0	-	2.53	2.39	2.39	100	-0.14
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	0	0	63	04:45	0	-	0.84	0.41	0.41	17	-0.43
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	297	-	0	-	1.83	1.8	1.8	75	-0.03
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	6	0	47	12:00	0	-	0.44	0.23	0.23	10	-0.21
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	301	09:30	0	-	1.85	2.14	2.14	89	0.29
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	8	0	66	05:30	0	-	0.46	0.28	0.28	12	-0.18
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	0	-	0	-	2.36	2.9	2.9	121	0.54
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	23	0	66	18:00	0	-	0.64	0.3	0.3	13	-0.34
Sub-Total	2,846	0	37	0	-	-	-	-	16.99	15.63	15.62	652	-1.37
Total	23,300	1,645	1,599	1,298					154.24	152.84	152.25	6,353	-1.99

Summary Section						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	66,474	27,366	21,478	644.03	609.77	25,408
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		7,608	6,206	197.77	197.77	5,303
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		-47	-58	1.23	1.23	15
Total Regional Availability(Gross)	118,257	54,209	44,488	1,411.57	1,358.29	53,632

Total Hydro Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	10,814	9,643	245.9	243.86	10,161
State Control Area Hydro	7,855	4,919	4,078	128.07	127.8	5,325
Total Regional Hydro	22,577	15,733	13,721	373.97	371.66	15,486

Total Renewable Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	21,639	37	0	123.83	123.68	5,162
State Control Area Renewable	13,630	526	342	71.9	71.68	2,986
Total Regional Renewable	35,269	563	342	195.73	195.36	8,148

Total Solar Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	20,773	0	0	121.09	120.94	5,047
State Control Area Solar	8,586	62	59	59.43	59.43	2,476
Total Solar	29,359	62	59	180.52	180.37	7,523

Total Wind Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	37	0	2.74	2.74	115
State Control Area Wind	4,328	345	169	6.99	6.99	291
Total Wind	5,194	382	169	9.73	9.73	406

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	0.69	-0.69
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	0.83	0	0.83
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	0.19	0	0.19
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	0	0.75	-0.75
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	2.98	0	2.98
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	12.22	0	12.22
10	400KV-Gorakhpur (UP)-Motihari(DMT)	-	-	-	-	4.24	0	4.24
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	-	-	-	-	5.69	0	5.69

Import/Export between EAST REGION and NORTH REGION								
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	0	1.16	-1.16
13	400KV-Varanasi (PG)-Sasaram(PG)	52	62	142	0	2.1	0	2.1
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	9	0	9
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	0	1.57	-1.57
16	765KV-Varanasi (PG)-Gaya(PG)	401	220	401	1,135	0	3.88	-3.88
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	-	-	-	-	9.35	0	9.35
Sub-Total EAST REGION		453	282	543	1,135	46.6	8.05	38.55
Import/Export between NORTH_EAST REGION and NORTH REGION								
1	HVDC800KV-Agra (PG)-Biswanath Charialli(PG)	-	-	-	-	7.16	0	7.16
Sub-Total NORTH_EAST REGION		0	0	0	0	7.16	0	7.16
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)	68	5	-	83	0	0.08	-0.08
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	112	110	78	-	2.58	0	2.58
6	220KV-Ranpur (RS)-Bhanpura(MP)	96	82	99	-	2.09	0	2.09
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-197	-187	-430	496	0	0.82	-0.82
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	3.74	-3.74
10	400KV-RAPS C (NP)-Sujalpur	-248	-90	350	817	0	4.77	-4.77
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-919	-763	0	-919	0	11.51	-11.51
13	765KV-0rai-Jabalpur	2,090	1,316	2,289	0	19.79	0	19.79
14	765KV-0rai-Satna	781	733	916	0	12.38	0	12.38
15	765KV-Agra (PG)-Gwalior(PG)	-	-	-	-	21.72	0	21.72
16	765KV-Chittorgarh-Banaskata D/C	-188	174	-858	1,161	0	0.54	-0.54
17	765KV-Phagi (RJ)-Gwalior(PG)	1,333	1,115	1,334	-	6.35	0	6.35
18	765KV-Varanasi (PG)-Vindhyachal(PG)	2,729	1,928	3,252	0	48.28	0	48.28
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	998	1,001	1,003	0	24.23	0	24.23
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	500	500	-	500	0	12.12	-12.12
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	-	-	-	-	48.22	0	48.22
Sub-Total WEST REGION		7,155	5,924	8,033	2,138	185.64	33.58	152.06
TOTAL IR EXCHANGE		7,608	6,206	8,576	3,273	239.4	41.63	197.77

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	94.56	18.68	0	-0.22	0	93.07	38.55	-54.52
NR-NORTH_EAST REGION	0	0	0	0	0	0	7.16	7.16
NR-WR	133.65	81.36	0	-95.32	0	99.43	152.06	52.63
Total	228.21	100.04	0	-95.54	0	192.5	197.77	5.27

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)	-47	-58	66.048	51	1.25	0.02	1.23	0
132KV-Nautanwa (UP)-Mainhiya (Nepal)	0	0	0	0	0	0	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	.06	8.23	50.67	78.95	10.29	2.08	.45	12.82

<-----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.	
50.24	09:43:10	49.79	08:42:10	49.99	0.038	0.061	50.16	49.86	21.05

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index (% of time)
					< 380	< 390	> 420	> 430	
Abdullapur(PG) - 400KV	419	05:05	406	19:05	0	0	0	0	0
Amritsar(PG) - 400KV	419	03:55	405	19:10	0	0	0	0	0
Ballabgarh(PG) - 400KV	420	05:05	399	19:10	0	0	.35	0	.35

Bareilly II(PG) - 400KV	416	07:35	393	19:05	0	0	0	0	0
Bareilly(UP) - 400KV	416	07:35	394	19:05	0	0	0	0	0
Baspa(HP) - 400KV	410	00:00	401	19:10	0	0	0	0	0
Bassi(PG) - 400KV	420	04:00	405	11:40	0	0	.35	0	.35
Bawana(DTL) - 400KV	423	05:05	408	19:10	0	0	17.71	0	17.71
Dadri HVDC(PG). - 400KV	421	05:05	405	11:50	0	0	3.13	0	3.13
Gorakhpur(PG) - 400KV	414	09:45	371	10:20	1.04	18.4	0	0	1.04
Hisar(PG) - 400KV	425	05:05	410	09:45	0	0	36.46	0	36.46
Kanpur(PG) - 400KV	418	07:55	399	19:10	0	0	0	0	0
Kashipur(UT) - 400KV	418	07:10	412	10:40	0	0	0	0	0
Kishenpur(PG) - 400KV	414	05:00	317	21:55	8.68	8.68	0	0	8.68
Moga(PG) - 400KV	420	03:55	407	19:10	0	0	.35	0	.35
Nallagarh(PG) - 400KV	410	00:00	401	19:10	0	0	0	0	0
Rihand HVDC(PG) - 400KV	408	16:00	399	22:50	0	0	0	0	0
Rihand(NT) - 400KV	406	16:00	399	22:40	0	0	0	0	0

6.1 Voltage Profile: 765kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index
					< 728	< 742	> 800	> 820	
Anta RS(RJ) - 765KV	793	16:50	774	19:10	0	0	0	0	0
Balia(PG) - 765KV	784	07:40	748	19:10	0	0	0	0	0
Bareilly II(PG) - 765KV	788	07:35	745	19:05	0	0	0	0	0
Bhiwani(PG) - 765KV	802	04:00	776	22:30	0	0	7.64	0	7.64
Fatehpur(PG) - 765KV	791	16:30	755	19:10	0	0	0	0	0
Jhatikara(PG) - 765KV	795	05:00	764	11:35	0	0	0	0	0
Lucknow II(PG) - 765KV	790	07:50	739	19:10	0	1.04	0	0	0
Meerut(PG) - 765KV	798	05:05	763	19:05	0	0	0	0	0
Moga(PG) - 765KV	804	16:50	765	09:45	0	0	2.08	0	2.08
Phagi(RJ) - 765KV	802	17:00	776	15:15	0	0	2.08	0	2.08
Unnao(UP) - 765KV	781	07:55	741	19:10	0	.69	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	1,316.83	0	0	-3,000	0	0	0	1,268.64	0	-1,200	-598.57	0	0	0
HARYANA	2,113.04	63.51	-1,062.38	-450	0	0	0	2,113.1	0	-1,015	-793.29	0	0	-200
RAJASTHAN	867.32	-12.65	143.12	289.11	0	0	0	952.23	-13.3	40.04	30.51	0	0	0
DELHI	960.18	0.77	-153	89.61	0	0	0	951.28	0	-14.31	153.34	0	0	0
UTTAR PRADESH	248.51	9.64	388.92	646.26	0	0	0	1,882.4	168.67	1,554.18	1,317.86	0	0	0
UTTARAKHA ..	-245	-3.2	0	276.58	0	0	0	-245	-5.2	95.94	214.2	0	0	192.74
HIMACHAL PRADESH	-367.32	-62.6	10.12	316.57	0	0	0	-318.44	-62.5	215.12	-30.56	0	0	0
J&K(UT) & LADAKH(UT)	-300	0	-300	-939.5	0	0	0	-426	-48.3	-16.3	0	0	0	0
CHANDIGARH	36.96	0	-165	-22	0	0	0	81.28	0	-130	-11	0	0	0
RAILWAYS_NRISTS	31.6	0	59.75	0	0	0	0	31.6	0	0	29.51	0	0	0
TOTAL	4,662.12	-4.53	-1,078.47	-2,793.37	0	0	0	6,291.09	39.37	-470.33	312	0	0	-7.26

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	108.27	32.81	0	-5.9	-41.69	93.49
HARYANA	132.32	52.47	0.76	-24.04	-15.33	146.18
RAJASTHAN	91.9	19.02	-0.4	-1.33	-7.38	101.81
DELHI	82.85	22.15	0.02	1.03	4.32	110.37
UTTAR PRADESH	172.61	11.91	1.22	12.1	12.47	211
UTTARAKHAND	28.41	-5.61	-0.03	-1.52	9	30.25
HIMACHAL PRADESH	11.89	-12.07	-1.15	0.6	7.58	6.85
J&K(UT) & LADAKH(UT)	40.7	-3.96	-0.27	-4.32	-11.43	20.72
CHANDIGARH	7.27	0.94	0	-2.65	-0.19	5.37
RAILWAYS_NR ISTS	1.97	0.76	0	0.85	0.15	3.73
TOTAL	678.19	118.42	0.15	-25.18	-42.5	729.77

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	4,838.73	3,966.4	1,843.87	1,268.64	0	0	0	0
HARYANA	6,193.5	4,814.19	2,407.42	2,113.04	63.51	0	13.01	0
RAJASTHAN	4,708.11	2,732.85	967.55	544.97	-9.65	-29.51	0	0
DELHI	3,975	2,985.04	1,094.88	694.19	1.54	0	0	0
UTTAR PRADESH	8,974	5,614.48	1,882.83	-40.6	319.92	1.04	10.6	0
UTTARAKHAND	1,324.63	1,098.32	-207.9	-245	3.57	-8.2	0	0
HIMACHAL PRADESH	1,020.87	108.18	-304.44	-726.98	-22.11	-62.6	0	0
J&K(UT) & Ladakh(UT)	1,845.27	1,583.56	0	-426	0	-48.3	0	0
CHANDIGARH	333.96	278.75	81.28	0	0	0	0	0
RAILWAYS_NR ISTS	97.67	77.37	31.6	31.6	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	-1,350	0	-85.72	0.87	-3,000	0	0
HARYANA	0	-1,780.45	0	-1,000	0	-1,500	0	-200
RAJASTHAN	157.91	-1,307.26	0	0	289.11	-2,164.3	0	0
DELHI	337.39	-246	0	0	582.07	-264.33	0	0
UTTAR PRADESH	1,987.3	-1,568.35	0	0	1,514.75	-311.62	0	0
UTTARAKHAND	184.26	-506.38	0	0	675.36	126.45	192.74	0
HIMACHAL PRADESH	266.15	1.93	0	0	613.25	-30.56	0	0
J&K(UT) & LADAKH(UT)	-14.4	-300	0	0	0	-1,126.4	0	0
CHANDIGARH	-20	-180	0	0	0	-23	0	0
RAILWAYS_NR ISTS	59.75	0	0	0	59.75	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	511.52	1,620	500.58	1,114	1,773.62	947.65
Chamera-I	748.75	760	753.95	756.13	8	-	-	816.54	228.48
Gandhisagar	381	399.9	725	-	-	-	-	-	0
Jawahar Sagar	295.96	298.7	2.01	-	-	-	-	-	0
Koteshwar	598.5	612.5	610.73	612.25	6	610.8	5	946.75	658.31
Pong	384.05	426.72	1,084	425.14	1,147	415.49	693	2,929.06	478.33
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	525.63	371	501.54	125	1,453.88	567.46
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	826.17	1,083	825.37	1,067	664.72	553
TOTAL	-	-	-	-	4,235	-	3,004	8,584.57	3,433.23

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	0	0
DELHI	8	27
HARYANA	6	27
HIMACHAL PRADESH	6	21
J&K(UT) & Ladakh(UT)	9	24
PUNJAB	8	18
RAJASTHAN	10	46
UTTAR PRADESH	1	9
UTTARAKHAND	4	16

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	3,382	2,458	3492	19:15:00	60.74	2,531
NCR_DRAWAL	-	13,517	11,251	14409	22:00:00	297.25	12,385
NCR_DEMAND	-	16,898	13,709	17126	19:15:00	357.58	14,899
LADAKH_DEMAND	-	14	-7	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	0.14	140	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 :

First time charging: 1) 804 MAIN BAY - 765/400 KV 1500 MVA ICT 1 AT GHATAMPUR_TPS(UP) (NUPPL) AT 765 KV GHATAMPUR_TPS(UP) charged at 12:32. 2) 805 TIE BAY - 765/400 KV 1500 MVA ICT 1 AT GHATAMPUR_TPS(UP) (NUPPL) AND FUTURE AT 765 KV GHATAMPUR_TPS(UP) (NUPPL) charged at 12:32. 3) 806 MAIN BAY - 765/22 KV 825 MVA GT 3 AT GHATAMPUR_TPS(UP) (NUPPL) AT 765 KV GHATAMPUR_TPS(UP) charged at 12:38 4) 428 TIE BAY - 400/220 KV 500 MVA ICT 7 AT FATEHGARH_III(PG) (PRTL) AND FUTURE AT 400 KV FATEHGARH_III(PG) (PRTL) charged at 20:31. 5) 765/400 kV 1500 MVA ICT 3 at Fatehgarh_3 charged at 21:42.
--

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