



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

Power Supply Position in Northern Region For 02-Sep-2025

Date of Reporting:03-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
56,958	0	56,958	50.08	46,250	0	46,250	50.04	1,216	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	51.83	21.91	0	3.4	0	1.72	78.86	67.96	67.26	-0.7	146.12	0	146.12
HARYANA	40.82	0	0	0.73	0	0.72	42.28	123.83	121.67	-2.16	163.95	0	163.95
RAJASTHAN	87.69	5.2	1.33	25.35	17.74	5.84	143.13	103.26	93.64	-9.62	236.77	0	236.77
DELHI	0	0	3.51	0	0	1.26	4.76	105.52	104.13	-1.39	108.89	0	108.89
UTTAR PRADESH	200.69	28.4	0	10.9	0	0.6	240.59	196.56	194.34	-2.22	434.93	0	434.93
UTTARAKHAND	0	14.58	0	0.17	0	0	14.75	28.22	28.33	0.11	43.08	0	43.08
HIMACHAL PRADESH	0	21.71	0	0.13	0	0	21.84	10.43	11.29	0.86	33.13	0	33.13
J&K(UT) & Ladakh(UT)	0	23.55	0	0	0	0	23.55	16.64	16.82	0.18	40.37	0	40.37
CHANDIGARH	0	0	0	0	0	0	0	5.04	4.84	-0.2	4.84	0	4.84
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.85	4.37	0.52	4.37	0	4.37
Region	381.03	115.35	4.84	40.68	17.74	10.14	569.76	661.31	646.69	-14.62	1,216.45	0	1,216.45

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	6,185	0	-182	-1,891	5,933	4,985	0	36	-1,191
HARYANA	7,330	0	-394	751	6,919	6,275	0	52	-72
RAJASTHAN	11,017	0	-401	1,247	9,807	8,783	0	-387	446
DELHI	4,739	0	96	748	4,526	3,706	0	36	140
UTTAR PRADESH	22,026	0	-86	3,103	18,005	18,388	0	30	1,289
UTTARAKHAND	1,892	0	-134	445	1,796	1,555	0	26	-237
HIMACHAL PRADESH	1,391	0	-89	201	1,377	1,057	0	25	-238
J&K(UT) & Ladakh(UT)	1,961	0	58	-714	1,682	1,149	0	27	-1,550
CHANDIGARH	225	0	22	-81	202	158	0	8	-148
RAILWAYS_NR ISTS	194	0	25	92	182	195	0	26	67
Region	56,960	0	-1,085	3,901	50,429	46,251	0	-121	-1,494

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	6,766	18:00	0	6,766	6,766	18:00	0	6,766	4,957	4:00	-	-	-	-
HARYANA	7,659	19:00	0	7,659	7,659	19:00	0	7,659	6,259	4:00	-	-	-	-
RAJASTHAN	11,091	19:00	0	11,091	11,091	19:00	0	11,091	8,643	4:00	-	-	-	-
DELHI	5,313	12:00	0	5,313	5,313	12:00	0	5,313	3,573	4:00	-	-	-	-
UP	22,026	20:00	0	22,026	22,026	20:00	0	22,026	14,330	17:00	-	-	-	-
UTTARAKHA ..	2,073	18:00	0	2,073	2,073	18:00	0	2,073	1,542	2:00	-	-	-	-
HP	1,637	9:00	0	1,637	1,637	9:00	0	1,637	1,015	0:00	-	-	-	-
J&K(UT)&Lad ..	2,058	11:00	0	2,058	2,058	11:00	0	2,058	1,089	4:00	-	-	-	-
CHANDIGARH	244	12:00	0	244	244	12:00	0	244	154	4:00	-	-	-	-
RAILWAYS_NR ISTS	204	2:00	0	204	204	2:00	0	204	150	13:00	-	-	-	-
NR	57,955	19:00	0	57,955	57,955	19:00	0	57,955	43,953	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	-2	-3	-1.94	14:00	0		0	-0.06	-3
DELHI GAS TURBINES(3 * 34 + 6 * 30)	282	27	0	27.31	15:00	0		0.29	0.26	11
PRAGATI GAS TURBINES(1 * 121.2 + 2 * 104.6)	331	136	127	146.88		0		3.39	3.3	138
RITHALA GPS(3 * 36)	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	161	124					3.68	3.5	146
WIND	0	0	0	0		0				
BIOMASS(52)	52	38	34	0		0		1.28	1.26	53
SOLAR(2)	2	0	0	0		0				
Total DELHI	2,145	199	158					4.96	4.76	199

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	185	340	441	08:00	328	11:30	8	7.15	298
JHAJJAR(CLP)(2 * 660)	1,320	969	745	969	20:00	729	13:30	19.65	18.6	775
MAGNUM DIESEL (IPP)(4 * 6.3)	25	0	0	0		0				
PANIPAT TPS(1 * 210 + 2 * 250)	710	201	356	431	08:00	173	18:00	7.36	6.61	275
RGTPP(KHEDAR)(2 * 600)	1,200	406	353	438	08:00	345	13:30	8.83	8.46	353
Total THERMAL	3,855	1,761	1,794					43.84	40.82	1,701
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	0		0				
Total HYDEL	65	0	0					0	0	0
WIND	0	0	0	0		0				
BIOMASS(106)	106	0	0	0		0		0.72	0.72	30
SOLAR(196)	196	0	0	0		0		0.73	0.73	30
Total HARYANA	4,654	1,761	1,794					45.29	42.27	1,761

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	0	0	0	00:00	0	00:00	0	0	0
BASPA (IPP) HPS(3 * 100)	300	307	307	307	01:00	302	10:00	7.36	7.35	306
MALANA (IPP) HPS(2 * 43)	86	19	81	81	01:00	0	16:00	1.41	1.41	59
MALANA2(2 * 50)	100	0	0	0		0				
SAWARA KUDDU(3 * 37)	111	0	0	0	00:00	0	00:00	0	0	0
OTHER HYDRO HP(503.75)	504	52	33	0		0		1.87	1.85	77
Total HYDEL	1,281	378	421					10.64	10.61	442
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	428	536	0		0		11.12	11.11	463
Total SMALL HYDRO	765	428	536					11.12	11.11	463
Total HP	2,065	806	957					21.89	21.85	910

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	880	888	0		0		21.23	21.23	885
OTHER HYDRO/IPP J&K(308)	308	95	77	0		0		2.32	2.32	97
Total HYDEL	1,208	975	965					23.55	23.55	982
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	975	965					23.55	23.55	982

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	145	01:00	145	01:00	3.93	3.37	140
GURU GOBIND SINGH TPS (ROPAR)(4 * 210)	840	0	0	0	01:00	0	01:00	0	-0.12	-5
GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)(2 * 210 + 2 * 250)	920	428	315	428	19:00	315	01:00	8.65	7.8	325
RAJPURA(NPL) TPS(2 * 700)	1,400	1,320	660	1,320	20:00	660	02:00	20.37	19.38	808
TALWANDI SABO TPS(3 * 660)	1,980	1,816	616	1,816	20:00	616	01:00	23.08	21.4	892
Total THERMAL	5,680	3,709	1,736					56.03	51.83	2,160
ANANADPUR SAHIB HYDRO PLANT(2 * 33.5 + 2 * 33.5)	134	76	26	106	22:00	26	01:00	1.35	1.35	56
MUKERIAN HYDRO PLANT(6 * 15 + 6 * 19.5 + 2 * 9)	225	117	145	157	13:00	117	16:00	3.11	3.11	130
RANJIT SAGAR POWER PLANT (4 * 150)	600	600	600	600	01:00	600	01:00	14.63	14.58	608
SHANAN(4 * 15 + 1 * 50)	110	0	0	0	01:00	0	01:00	0	0	0
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	793	771					21.97	21.92	914
WIND	0	0	0	0		0				
BIOMASS(303)	303	0	0	0		0		1.72	1.72	72
SOLAR(881)	881	58	59	400	13:00	58	18:00	3.4	3.4	142
Total PUNJAB	8,025	4,560	2,566					83.12	78.87	3,288

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	223	04:00	151	11:00	5.25	4.65	194
CHHABRA TPS(2 * 660 + 4 * 250)	2,320	1,686	1,132	1,770	22:00	1,095	11:00	33.19	30.43	1,268
GIRAL (IPP) LTPS(2 * 125)	250	0	0	0		0				
KALISINDH TPS(2 * 600)	1,200	1,026	651	1,053	22:00	616	14:00	19.19	17.83	743
KAWAI TPS(2 * 660)	1,320	0	0	0		0				
KOTA TPS(2 * 110 + 2 * 195 + 3 * 210)	1,240	146	125	155	23:00	120	12:00	3.75	3.34	139
RAJWEST (IPP) LTPS(8 * 135)	1,080	677	684	685	08:00	616	11:00	17.52	15.14	631
SURATGARH TPS (6 * 250 + 2 * 660(SSCTPS))	2,820	663	865	874	04:00	487	18:00	17.48	16.29	679
VSLPP (IPP)(1 * 135)	135	0	0	0		0				
Total THERMAL	10,615	4,418	3,679					96.38	87.68	3,654
DHOLPUR GPS(3 * 110)	330	0	0	0		0				
RAMGARH GPS(1 * 110 + 1 * 35.5 + 1 * 50 + 2 * 37.5)	271	65	49	70	00:00	48	18:00	1.37	1.33	55
Total GAS/NAPTHA/DIESEL	601	65	49					1.37	1.33	55
RAPS-A(1 * 100 + 1 * 200)	300	175	684	176	01:00	174	12:00	4.61	4.28	178
Total NUCLEAR	300	175	684					4.61	4.28	178
TOTAL HYDRO RAJASTHAN(550)	550	285	165	285	19:00	146	11:00	5.21	5.2	217
Total HYDEL	550	285	165					5.21	5.2	217
WIND(1 * 4328)	4,328	342	1,252	1,252	03:00	91	16:00	17.74	17.74	739
BIOMASS(102)	102	65	65	65	01:00	65	06:00	1.56	1.56	65
SOLAR(4568)	4,568	0	0	3,419	16:00	0	06:00	25.35	25.35	1,056
Total RAJASTHAN	21,064	5,350	5,894					152.22	143.14	5,964

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	1,348	1,296	1,362	01:00	893	15:00	27.4	25.4	1,058
ANPARA-C TPS(2 * 600)	1,200	1,092	1,082	1,104	02:00	601	06:00	21.2	19.6	817
ANPARA-D TPS(2 * 500)	1,000	900	472	920	23:59	276	08:00	12.4	11.6	483
BAJAJ ENERGY PVT LTD (IPP) TPS(10 * 45)	450	0	0	0		0				
BARA PPGCL TPS(3 * 660)	1,980	1,662	1,539	1,710	01:00	1,017	14:00	32.2	29.8	1,242
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	615	363	678	22:54	347	09:50	10.89	9.89	412
LALITPUR TPS(3 * 660)	1,980	1,233	1,013	1,233	20:00	1,009	13:00	27	25.4	1,058
MEJA TPS(2 * 660)	1,320	962	686	1,009	21:00	677	13:00	19.1	17.9	746
OBRA TPS(5 * 200+1*660)	1,660	1,197	1,162	1,253	19:00	987	12:00	31.1	28	1,167
PANKI_I TPS(1 * 660)	660	0	343	361	11:00	0	17:00	6.4	5.8	242
PARICHA TPS(2 * 210 + 2 * 250)	920	498	475	532	19:00	472	04:00	12.9	11.7	488
ROSA TPS(4 * 300)	1,200	586	591	676	19:00	586	09:00	17	15.6	650
TANDA TPS(4 * 110)	440	0	0	0		0				
Total THERMAL	19,190	10,093	9,022					217.59	200.69	8,363
ALAKHANANDA HEP(4 * 82.5)	330	334	343	346	07:00	313	16:00	8.1	8.1	338
RIHAND HPS(6 * 50)	300	280	280	280	01:00	255	11:00	6.6	6.6	275
VISHNUPARYAG HPS(4 * 110)	440	436	436	436	01:00	436	01:00	10.5	10.5	438
OTHER HYDRO UP(227)	227	145	132	161	23:00	93	13:00	3.2	3.2	133
Total HYDEL	1,297	1,195	1,191					28.4	28.4	1,184
WIND	0	0	0	0		0				
BIOMASS(26)	26	0	0	0		0				
SOLAR(2430)	2,642	0	0	1,482	13:00	0	01:00	10.9	10.9	454
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	11,313	10,238					257.49	240.59	10,026

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	517	621	648	15:00	508	22:00	14.63	14.58	608
Total HYDEL	1,250	517	621					14.63	14.58	608
WIND	0	0	0	0		0				
BIOMASS(127)	127	0	0	0		0				
SOLAR(278)	278	0	0	33	11:00	5	17:00	0.17	0.17	7
SMALL HYDRO(180)	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	517	621					14.8	14.75	615

(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	930	583	950	19:30	552	13:00	12.99	14.61	13.23	0.21	551	0.03
Sub-Total	1,500	1,411	930	583	-	-	-	-	12.99	14.61	13.23	0.21	551	0.03
BBMB														
BHAKRA HPS(5 * 126 + 5 * 157)	1,415	1,362	1,396	1,235	1,398	00:00	1,235	01:00	29.94	30.74	30.36	0	1,265	0.42
DEHAR HPS(6 * 165)	990	0	0	0	0	-	0	01:00	0	0	0	0	0	0
PONG HPS(6 * 66)	396	352	360	360	360	00:00	360	01:00	8.45	8.69	8.53	0	355	0.08
Sub-Total	2,801	1,714	1,756	1,595	-	-	-	-	38.39	39.43	38.89	0	1,620	0.5
NHPC														
BAIRASIUL HPS(3 * 60)	180	0	0	0	0	-	-1.76	15:00	0	0	0	0	0	0
CHAMERA I HPS(3 * 180)	540	360	0	0	0	-	0	-	8.55	7.95	7.95	0	331	-0.6
CHAMERA II HPS(3 * 100)	300	0	0	0	0	-	0	00:00	0	0	0	0	0	0
CHAMERA III HPS(3 * 77)	231	0	0	0	0	-	0	-	0	0	0	0	0	0
DHAULIGANGA HPS(4 * 70)	280	207	207	211	213	02:00	206.5	20:00	4.98	5.05	5.03	0	210	0.05
DULHASTI HPS(3 * 130)	390	257	256	258	259	12:00	130.2	16:00	5.96	5.88	5.79	0	241	-0.17
KISHANGANGA(3 * 110)	330	336	337	331	337	20:00	218.8	15:00	7.37	7.48	7.45	0	310	0.08
PARBATI III HEP(4 * 130)	520	0	0	0	0	-	0	-	5.15	4.86	4.86	0	203	-0.29
PARBATI-II(4 * 200)	800	0	0	0	0	-	0	-	0	-	-	-	-	-
SALAL HPS(6 * 115)	690	700	0	0	0	-	0	-	14.28	14.24	14.24	0	593	-0.04
SEWA-II HPS(3 * 40)	120	126	125	124	125	21:00	122.79	13:00	2.94	3.01	2.97	0	124	0.03
TANAKPUR HPS(1 * 31.42 + 2 * 31.4)	94	0	0	0	95	12:00	0	01:00	0.36	0.29	0.29	0	12	-0.07
URI HPS(4 * 120)	480	360	348	321	348	20:00	29	02:00	3.41	3.53	3.49	0	145	0.08
URI-II HPS(4 * 60)	240	190	219	209	220	18:00	176.55	22:00	4.61	5.09	5.05	0	210	0.44
Sub-Total	5,195	2,536	1,492	1,454	-	-	-	-	57.61	57.38	57.12	0	2,379	-0.49
NPCL														
NAPS(2 * 220)	440	190	216	220	220	06:00	0	-	4.56	5.18	4.57	0	190	0.01
RAPP-D	700	414	0	0	0	-	0	-	9.94	11.17	9.87	0	411	-0.07
RAPS-B(2 * 220)	440	345	385	393	395	08:00	0	-	8.28	9.42	8.29	0	345	0.01
RAPS-C(2 * 220)	440	406	446	447	447	01:00	0	-	9.74	10.76	9.73	0	405	-0.01
Sub-Total	2,020	1,355	1,047	1,060	-	-	-	-	32.52	36.53	32.46	0	1,351	-0.06
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	0.03	0	1	0.03
DADRI-I TPS(4 * 210)	840	769	231	323	364	19:15	0	-	5.62	7.11	6.26	0	261	0.64
DADRI-II TPS(2 * 490)	980	919	599	501	873	19:30	0	-	12.58	13.86	12.78	0	533	0.2
KOLDAM HPS(4 * 200)	800	871	842	840	868	06:00	0	-	20.91	20.57	20.46	0	853	-0.45
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	2.28	1.07	1.07	0	45	-1.21
RIHAND-I STPS(2 * 500)	1,000	450	486	489	496	23:00	268	11:00	9.04	9.82	8.82	-0.1	368	-0.12
RIHAND-II STPS(2 * 500)	1,000	943	905	992	999	02:00	539	09:00	18.91	19.66	18.31	-0.12	763	-0.48
RIHAND-III STPS(2 * 500)	1,000	943	891	968	1,000	02:00	537	13:00	18.91	19.66	18.44	-0.16	768	-0.31
SINGRAULI HYDRO(1 * 8)	8	0	0	0	0	-	0	-	0	-	-	-	-	-
SINGRAULI STPS(2 * 500 + 5 * 200)	2,000	1,275	1,383	1,294	1,493	07:00	854	16:00	26.7	29.19	26.12	0	1,088	-0.58
TANDA TPS STAGE-II(2 * 660)	1,320	1,244	1,142	681	1,242	21:00	667	04:15	19.25	21	19.48	0	812	0.23
UNCHAHAH II TPS(2 * 210)	420	375	383	242	383	20:00	238	10:00	5.01	6.19	5.26	0.07	219	0.18
UNCHAHAH III TPS(1 * 210)	210	0	0	0	0	-	0	-	0	0	0	0	0	0
UNCHAHAH IV TPS(1 * 500)	500	466	442	290	442	20:00	275	11:00	6.59	7.52	6.98	0.28	291	0.11
UNCHAHAH TPS(2 * 210)	420	365	363	242	363	20:00	234	13:00	5.09	6.03	5.29	0	220	0.2
Sub-Total	12,655	10,438	7,667	6,862	-	-	-	-	150.89	161.68	149.37	-0.03	6,225	-1.49
SJVNL														
NATHPA-JHAKRI HPS(6 * 250)	1,500	1,630	1,619	1,633	1,648	01:00	1,615	13:00	38.81	39.42	39.1	0	1,629	0.29
RAMPUR HEP(6 * 68.67)	412	449	447	449	452	23:00	444	09:00	10.5	10.92	10.84	0	452	0.34
Sub-Total	1,912	2,079	2,066	2,082	-	-	-	-	49.31	50.34	49.94	0	2,081	0.63
THDC														
KOTESHWAR HPS(4 * 100)	400	400	386	398	404	15:00	386	20:00	9.6	9.5	9.49	-0.03	395	-0.08
TEHRI HPS(4 * 250)	1,000	1,072	1,045	1,061	1,082	23:00	783	15:00	25.19	25.1	24.94	0	1,039	-0.25
TEHRI PSP(4 * 250)	1,000	500	508	510	525	23:00	0	-	10.19	10.31	10.31	0	430	0.12
Sub-Total	2,400	1,972	1,939	1,969	-	-	-	-	44.98	44.91	44.74	-0.03	1,864	-0.21

Total	28,483	21,505	16,897	15,605					386.69	404.88	385.75	0.15	16,071	-1.09
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IPP/JV													
Station/Constituents	Inst. Capacity	Declared Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy			AVG. MW	UI
	(MW)	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	SCHD (MU)	Gross Gen(MU)	Net Gen(MU)		
IPP													
ADHPL(IPP) HPS(2 * 96)	192	0	0	0	0	-	0	-	0	0	0	0	0
BUDHIL HPS (IPP)(2 * 35)	70	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	12:00	1,140	13:00	26.96	27.17	26.98	1,124	0.02
SAINJ HEP(2 * 50)	100	0	0	0	0	-	0	-	0	-	-	-	-
SHREE CEMENT (IPP) TPS(2 * 150)	300	337	343	91	343	20:00	0	-	3.76	3.99	3.73	155	-0.03
SINGOLI BHATWARI HEP(3 * 33)	99	107	60	72	72	03:00	0	-	1.53	1.38	1.37	57	-0.16
SORANG HYDROELECTRIC PROJECT(2 * 50)	100	70	0	80	81	06:00	0	-	1.74	1.24	1.23	51	-0.51
Sub-Total	1,906	1,640	1,543	1,383	-	-	-	-	33.99	33.78	33.31	1,387	-0.68
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	357	0	0	0	0	-	0	-	1.59	1.55	1.55	65	-0.04
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	0.89	0.96	0.96	40	0.07
ACME CHITTORGARH SOLAR ENERGY PVT LTD(1 * 250)	250	0	0	0	169	14:46	0	-	0.77	0.76	0.76	32	-0.01
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	264	14:36	0	-	1.63	1.23	1.23	51	-0.4
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	1.47	0.88	0.88	37	-0.59
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	268	14:44	0	-	1.63	1.24	1.24	52	-0.39
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	276	14:38	0	-	1.62	1.16	1.16	48	-0.46
ACME SIKAR SOLAR PRIVATE LIMITED	53	0	0	0	0	-	0	-	1.31	1.29	1.29	54	-0.02
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	229	14:39	0	-	1.62	1.2	1.19	50	-0.43
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.44	0.39	0.39	16	-0.05
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.47	0.38	0.38	16	-0.09
ADANI GREEN ENERGY TWENTY FOUR LIMITED	405	0	0	0	371	14:59	0	-	1.82	1.81	1.8	75	-0.02
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)(1 * 200)	200	0	0	0	202	12:27	0	-	1.15	1.06	1.06	44	-0.09
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	152	12:00	0	-	1	0.86	0.85	35	-0.15
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150)	150	0	0	0	143	12:45	0	-	0.88	0.81	0.81	34	-0.07
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.24	0.25	0.25	10	0.01
ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150)	150	0	0	0	150	10:49	0	-	1.09	0.96	0.96	40	-0.13
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	167	11:36	0	-	1.61	1.4	1.4	58	-0.21
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	122	15:04	0	-	0.51	0.63	0.63	26	0.12
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	0	-	0	-	1.38	1.48	1.48	62	0.1
AMBUJA CEMENTS LIMITED	150	0	0	0	0	-	0	-	0.82	0.81	0.81	34	-0.01
AMP ENERGY GREEN FOUR PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.46	0.39	0.39	16	-0.07
AMPLUS AGES PRIVATE LIMITED(1*100)	100	0	0	0	90	16:00	0	-	0.53	0.54	0.53	22	0
AURAIYA SOLAR(1 * 40)	40	0	0	0	0	-	0	-	0.09	0.13	0.13	5	0.04
AVAADA RJHN PRIVATE LIMITED(1*240)	240	0	0	0	242	11:23	0	-	1.4	1.23	1.23	51	-0.17
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER(1 * 350)	350	0	0	0	238	10:46	0	-	1.21	1.18	1.18	49	-0.03
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	258	14:37	0	-	1.1	1.02	1.02	43	-0.08
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	208	16:10	0	-	1.1	1.03	1.03	43	-0.07
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	199	16:24	0	-	1.12	1.01	1.01	42	-0.11
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	183	09:47	0	-	0.95	0.9	0.9	38	-0.05
AZURE POWER FORTY THREE PRIVATE LIMITED(1 * 150 + 1 * 150 + 1 * 300)	600	0	0	0	275	15:30	0	-	1.61	1.54	1.54	64	-0.07
AZURE POWER INDIA PVT LTD.(4 * 50)	200	0	0	0	180	12:42	0	-	1.03	1.05	1.05	44	0.02
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	256	12:30	0	-	1.58	1.33	1.33	55	-0.25
AZURE POWER THIRTY FOUR PRIVATE LTD(1 * 130)	130	0	0	0	133	12:36	0	-	0.76	0.7	0.7	29	-0.06
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	0.91	0.92	0.92	38	0.01
CLEAN SOLAR POWER (BHADLA) PVT LTD(1 * 300)	300	0	0	0	220	15:00	0	-	1.01	0.98	0.98	41	-0.03
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	194	12:36	0	-	0.84	0.78	0.77	32	-0.07

DADRI SOLAR(5)	5	0	0	0	3	11:19	0	-	0.01	0.01	0.01	0	0
DEVIKOT SOLAR POWER NTPC	240	0	0	0	0	-	0	-	1.44	1.43	1.43	60	-0.01
EDEN RENEWABLE ALMA PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.26	1.14	1.14	48	-0.12
EDEN RENEWABLE CITE PRIVATE LIMITED(1 * 300)	300	0	0	0	270	14:43	0	-	1.21	1.27	1.27	53	0.06
FATEHGARH SOLAR PV PROJECT(1*296)	296	0	0	0	254	14:41	0	-	1.28	1.21	1.19	50	-0.09
GORBEA SOLAR PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.28	1.07	1.07	45	-0.21
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	90	15:57	0	-	0.55	0.54	0.53	22	-0.02
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.39	0.44	0.44	18	0.05
JUNA RENEWABLE ENERGY PRIVATE LIMITED	168	0	0	0	0	-	0	-	1.34	1.32	1.32	55	-0.02
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.2	0.21	0.21	9	0.01
KARNISAR SOLAR PLANT NHPC LIMITED	107	0	0	0	0	-	0	-	0.82	0.95	0.95	40	0.13
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	250	0	0	0	0	-	0	-	1.16	1.11	1.11	46	-0.05
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	1.47	1.15	1.15	48	-0.32
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED(1 * 50)	50	0	0	0	47	12:28	0	-	0.27	0.27	0.27	11	0
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED(1 * 50)	50	0	0	0	47	12:32	0	-	0.27	0.25	0.25	10	-0.02
M/S AZURE POWER FORTY ONE PRIVATE LIMITED(1 * 300)	300	0	0	0	170	15:30	0	-	1	0.88	0.88	37	-0.12
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	86	15:19	0	-	0.53	0.53	0.53	22	0
MEGA SOILS RENEWABLE PRIVATE LIMITED(1 * 250)	250	0	0	0	0	-	0	-	0.77	0.75	0.75	31	-0.02
MEGA SURYAURJA PVT LTD(1*250)	250	0	0	0	0	-	0	-	0.75	0.68	0.68	28	-0.07
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.31	0.41	0.41	17	0.1
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	158	0	0	0	0	-	0	-	0.99	1.02	1.02	43	0.03
NOKHRA SOLAR POWER NTPC	300	0	0	0	0	-	0	-	0.79	0.59	0.59	25	-0.2
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)(1 * 300)	300	0	0	0	243	14:54	0	-	1.13	1.15	1.15	48	0.02
RENEW SURYA RAVI PVT LTD(1*300)	300	0	0	0	195	16:14	0	-	0.88	0.88	0.88	37	0
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	260	14:46	0	-	1.17	1.19	1.19	50	0.02
RENEW SOLAR POWER PVT LTD(50)	50	0	0	0	139	10:01	0	-	0.28	0.69	0.69	29	0.41
RENEW SOLAR POWER PVT LTD. BIKANER(1 * 250)	250	0	0	0	0	-	0	-	0.86	0.68	0.68	28	-0.18
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	242	14:57	0	-	1.22	1.13	1.13	47	-0.09
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	250	14:26	0	-	1.18	1.15	1.15	48	-0.03
RENEW SURYA JYOTI PRIVATE LIMITED	185	0	0	0	167	15:16	0	-	1.07	1.09	1.09	45	0.02
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	212	12:50	0	-	1.27	1.51	1.51	63	0.24
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	1.2	1.31	1.31	55	0.11
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	101	12:50	0	-	0.69	0.72	0.72	30	0.03
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	196	12:09	0	-	1.05	0.91	0.9	38	-0.15
SB ENERGY FOUR PVT LTD(2 * 100)	200	0	0	0	176	10:45	0	-	1.05	0.98	0.98	41	-0.07
SB ENERGY SIX PRIVATE LIMITED(1 * 300)	300	0	0	0	246	15:30	0	-	1.22	1.28	1.28	53	0.06
SJVN GREEN ENERGY LIMITED	242	0	0	0	397	15:53	0	-	1.41	1.87	1.85	77	0.44
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED_BKN2	168	0	0	0	0	-	0	-	1.01	1.07	1.07	45	0.06
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	176	0	0	0	227	15:53	0	-	1.42	1.37	1.37	57	-0.05
SINGRAULI SOLAR(15)	15	0	0	0	0	-	0	-	0.05	0.03	0.03	1	-0.02
SOLZEN URJA PRIVATE LIMITED(1 * 300)	300	0	0	0	221	14:05	0	-	1.16	1.14	1.14	48	-0.02
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	83	15:48	0	-	0.11	0.44	0.44	18	0.33
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	217	12:18	0	-	1.3	1.19	1.19	50	-0.11
TATA POWER RENEWABLE ENERGY LTD(1 * 300)	300	0	0	0	199	09:54	0	-	1.07	0.94	0.91	38	-0.16
TATA POWER SAURYA LIMITED	110	0	0	0	85	15:19	0	-	0.5	0.47	0.47	20	-0.03
THAR SURYA IPRIVATE LIMITED(1*300)	300	0	0	0	208	16:13	0	-	1.1	1.04	1.04	43	-0.06
TRANSITION ENERGY SERVICES PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.25	0.46	0.46	19	0.21
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	104	15:47	0	-	0.4	0.49	0.49	20	0.09
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	51	15:46	0	-	0.26	0.25	0.25	10	-0.01
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.24	0.24	0.24	10	0
UNCHAHAHAR SOLAR(10)	10	0	0	0	6	12:00	0.253	17:30	0.02	0.03	0.03	1	0.01

XL XERGI POWER PRIVATE LIMITED	400	0	0	0	221	14:51	0		1.88	1.72	1.71	71	-0.17
Sub-Total	18,548	0	0	0	-	-	-	-	84.18	80.49	80.34	3,349	-3.84
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	526	14:56	0	-	3.16	3.05	2.95	123	-0.21
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	0	0	0	-	0	-	3.33	3.99	3.99	166	0.66
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	363	12:17	0	-	2.58	2.63	2.63	110	0.05
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	27	8,011	8,011	03:00	0	-	0.99	0.99	0.99	41	0
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	270	-	0	-	1.66	1.58	1.58	66	-0.08
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	26	60	67	06:30	0	-	0.6	0.75	0.75	31	0.15
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	293	14:50	0	-	1.69	1.7	1.7	71	0.01
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	0	0	0	-	0	-	0.63	0.68	0.68	28	0.05
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	369	02:34	0	-	1.81	1.79	1.79	75	-0.02
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	22	84	97	02:00	0	-	0.91	1.01	1.01	42	0.1
Sub-Total	2,846	0	75	8,155	-	-	-	-	17.36	18.17	18.07	753	0.71
Total	23,300	1,640	1,618	9,538					135.53	132.44	131.72	5,489	-3.81

Summary Section						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	66,474	25,481	23,193	603.32	569.78	23,745
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		4,564	1,122	147.32	147.32	12,677
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		-53	-58	1.04	1.04	36
Total Regional Availability(Gross)	118,257	48,507	49,400	1,289	1,235.61	58,018

Total Hydro Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	9,295	9,232	242.42	240.73	10,029
State Control Area Hydro	7,855	4,571	4,670	115.52	115.37	4,810
Total Regional Hydro	22,577	13,866	13,902	357.94	356.1	14,839

Total Renewable Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	21,639	75	8,155	99.73	99.48	4,147
State Control Area Renewable	13,630	503	1,410	63.7	63.68	2,653
Total Regional Renewable	35,269	578	9,565	163.43	163.16	6,800

Total Solar Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	20,773	0	0	92.31	92.06	3,839
State Control Area Solar	8,586	58	59	40.68	40.68	1,694
Total Solar	29,359	58	59	132.99	132.74	5,533

Total Wind Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	75	8,155	7.42	7.42	308
State Control Area Wind	4,328	342	1,252	17.74	17.74	739
Total Wind	5,194	417	9,407	25.16	25.16	1,047

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)	27	29	-	32	0	0.53	-0.53
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	0.81	0	0.81
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	0	0.51	-0.51
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	0	1.75	-1.75
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	1.03	0	1.03
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	6.49	0	6.49
10	400KV-Gorakhpur (UP)-Motihari(DMT)	306	354	376	230	1.97	0	1.97
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	477	220	516	274	4.21	0	4.21

Import/Export between EAST REGION and NORTH REGION								
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	0	4.02	-4.02
13	400KV-Varanasi (PG)-Sasaram(PG)	-80	-136	143	0	2.87	0	2.87
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	8.24	0	8.24
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	0	4.95	-4.95
16	765KV-Varanasi (PG)-Gaya(PG)	-246	541	246	1,057	0	10.16	-10.16
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	-	-	-	-	9.45	0	9.45
Sub-Total EAST REGION		484	1,008	1,281	1,593	35.07	21.92	13.15
Import/Export between NORTH_EAST REGION and NORTH REGION								
1	HVDC800KV-Agra (PG)-Biswanath Charialli(PG)	-	-	-	-	8.74	0	8.74
Sub-Total NORTH_EAST REGION		0	0	0	0	8.74	0	8.74
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)	17	-32	-	133	0	0.8	-0.8
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	105	101	120	-	2.49	0	2.49
6	220KV-Ranpur (RS)-Bhanpura(MP)	89	67	91	-	1.85	0	1.85
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-267	-93	414	400	0.78	0	0.78
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	4.59	-4.59
10	400KV-RAPS C (NP)-Sujalpur	-	-	-	-	0	4.89	-4.89
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-905	-477	0	-943	0	10.3	-10.3
13	765KV-0rai-Jabalpur	1,815	682	1,959	0	14.95	0	14.95
14	765KV-0rai-Satna	774	434	813	0	10.79	0	10.79
15	765KV-Agra (PG)-Gwalior(PG)	-	-	-	-	15.12	0	15.12
16	765KV-Chittorgarh-Banaskata D/C	412	446	1,160	1,123	0	5.43	-5.43
17	765KV-Phagi (RJ)-Gwalior(PG)	1,229	416	1,260	-1,447	3.4	0	3.4
18	765KV-Varanasi (PG)-Vindhyachal(PG)	-2,498	-2,379	2,685	0	49.91	0	49.91
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	809	299	1,003	0	10.92	0	10.92
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	500	50	250	500	0.53	1.36	-0.83
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	2,000	600	3,000	0	42.06	0	42.06
Sub-Total WEST REGION		4,080	114	12,755	-234	152.8	27.37	125.43
TOTAL IR EXCHANGE		4,564	1,122	14,036	1,359	196.61	49.29	147.32

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	97.53	13.72	0	-5.74	0	85.41	13.15	-72.26
NR-NORTH_EAST REGION	0	0	0	0	0	0	8.74	8.74
NR-WR	114.97	83.44	0	-132.26	0	49.11	125.43	76.32
Total	212.5	97.16	0	-138	0	134.52	147.32	12.8

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)	-53	-58	62.952	27	1.04	0.01	1.04	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	.09	6.09	43.3	69.7	18.85	5.12	.24	24.21

<-----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.	
50.23	14:34:50	49.78	14:13:30	50.01	0.041	0.064	50.13	49.88	99.99

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index (% of time)
					< 380	< 390	> 420	> 430	
Abdullapur(PG) - 400KV	422	04:00	413	19:10	0	0	15.97	0	15.97
Amritsar(PG) - 400KV	424	04:00	413	15:05	0	0	36.81	0	36.81
Ballabgarh(PG) - 400KV	422	04:00	403	19:20	0	0	16.32	0	16.32

Bareilly II(PG) - 400KV	420	05:30	402	19:15	0	0	1.74	0	1.74
Bareilly(UP) - 400KV	421	05:30	402	19:15	0	0	7.29	0	7.29
Baspa(HP) - 400KV	414	23:30	410	08:55	0	0	0	0	0
Bassi(PG) - 400KV	422	04:00	403	19:20	0	0	12.5	0	12.5
Bawana(DTL) - 400KV	425	04:00	410	15:35	0	0	34.38	0	34.38
Dadri HVDC(PG). - 400KV	420	04:00	407	19:15	0	0	4.51	0	4.51
Gorakhpur(PG) - 400KV	416	17:15	391	19:15	0	0	0	0	0
Hisar(PG) - 400KV	426	04:00	412	15:30	0	0	47.22	0	47.22
Kanpur(PG) - 400KV	418	05:00	400	19:20	0	0	0	0	0
Kashipur(UT) - 400KV	419	13:20	412	19:15	0	0	0	0	0
Kishenpur(PG) - 400KV	419	23:55	409	16:20	0	0	0	0	0
Moga(PG) - 400KV	423	04:00	415	15:25	0	0	42.01	0	42.01
Nallagarh(PG) - 400KV	414	23:30	410	08:55	0	0	0	0	0
Rihand HVDC(PG) - 400KV	404	14:30	394	05:35	0	0	0	0	0
Rihand(NT) - 400KV	407	13:20	397	22:50	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	796	13:05	769	18:50	0	0	0	0	0
Balia(PG) - 765KV	789	17:10	754	19:20	0	0	0	0	0
Bareilly II(PG) - 765KV	800	05:30	763	19:15	0	0	0	0	0
Bhiwani(PG) - 765KV	803	13:10	771	15:35	0	0	1.04	0	1.04
Fatehpur(PG) - 765KV	786	17:00	756	21:20	0	0	0	0	0
Jhatikara(PG) - 765KV	795	04:00	762	15:35	0	0	0	0	0
Lucknow II(PG) - 765KV	790	17:05	752	19:15	0	0	0	0	0
Meerut(PG) - 765KV	794	13:05	768	15:35	0	0	0	0	0
Moga(PG) - 765KV	799	13:05	766	15:35	0	0	0	0	0
Phagi(RJ) - 765KV	802	13:05	765	15:25	0	0	.69	0	.69
Unnao(UP) - 765KV	785	05:45	751	19:15	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	1,509.09	0	0	-2,700	0	0	0	1,509.09	0	-1,050	-2,250	0	-100	0
HARYANA	2,344.68	59.94	-826.41	-1,650	0	0	0	1,985.35	9.56	-744.24	-399.61	0	-100	0
RAJASTHAN	867.32	-30.21	-391.36	0	0	0	0	1,002.23	13.6	34.65	196.21	0	0	0
DELHI	947.26	0.77	-83	-725.36	0	0	0	949.92	2.04	-141.75	-62.52	0	0	0
UTTAR PRADESH	237.11	88.85	336.52	627	0	0	0	1,821	59.12	611.13	611.26	0	0	0
UTTARAKHA ..	-245	-3.2	0	11.56	0	0	0	-245	-7.2	348.25	349.05	0	0	0
HIMACHAL PRADESH	-565.97	-61.2	-53.07	442.42	0	0	0	-566.97	-61.2	222.78	606.61	0	0	0
J&K(UT) & LADAKH(UT)	-300	0	0	-1,250	0	0	0	-426	-48.5	-16.3	-223.4	0	0	0
CHANDIGARH	36.96	0	-185	0	0	0	0	79.36	0	-160	0	0	0	0
RAILWAYS_NRISTS	36.1	0	30.84	0	0	0	0	31.6	14.22	16.1	29.87	0	0	0
TOTAL	4,867.55	54.95	-1,171.48	-5,244.38	0	0	0	6,140.58	-18.36	-879.38	-1,142.53	0	-200	0

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	99.02	38.59	0	-3.98	-65.67	67.96
HARYANA	121.05	56.58	0.96	-19.43	-35.33	123.83
RAJASTHAN	86.63	19.34	-0.3	-0.55	-1.86	103.26
DELHI	89.75	22.13	0.03	1.93	-8.32	105.52
UTTAR PRADESH	167.33	11.35	1.48	6.98	8.6	196.56
UTTARAKHAND	27.44	-5.6	-0.11	2.81	3.68	28.22
HIMACHAL PRADESH	17.66	-17.07	-1.13	-0.62	11.59	10.43
J&K(UT) & LADAKH(UT)	39.68	-3.96	-0.23	-0.09	-18.76	16.64
CHANDIGARH	6.95	1.03	0	-2.9	-0.04	5.04
RAILWAYS_NR ISTS	2.27	0.83	0.07	0.43	0.25	3.85
TOTAL	657.78	123.22	0.77	-15.42	-105.86	661.31

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	4,803.74	3,667.64	2,002.81	1,509.09	0	0	0	0
HARYANA	6,069.14	4,355.74	2,652.83	1,885.35	84.9	0	0	0
RAJASTHAN	4,709.04	2,906.37	1,013.8	530.99	46.37	-36.11	0	0
DELHI	4,440.14	3,196.41	1,093.47	681.27	9.73	0	0	0
UTTAR PRADESH	8,378.34	5,727.29	1,821.43	-52	195.04	2.07	0	0
UTTARAKHAND	1,300.09	1,035.65	-208.85	-245	-3.2	-13.2	0	0
HIMACHAL PRADESH	1,189.6	358.65	-564.97	-914.97	-23.13	-61.2	0	0
J&K(UT) & Ladakh(UT)	1,822.59	1,389.65	0	-426	0	-48.5	0	0
CHANDIGARH	314.27	270.69	79.36	0	0	0	0	0
RAILWAYS_NR ISTS	115.74	77.37	36.1	31.6	30.84	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	-1,100	0	-100	-1,893.25	-3,400	0	0
HARYANA	16.19	-2,028.81	0	-100	-299.9	-3,500	0	0
RAJASTHAN	164.55	-623.77	0	0	196.21	-927.59	0	0
DELHI	324.48	-181.54	0	0	66.43	-815.25	0	0
UTTAR PRADESH	764.64	-440.39	0	0	1,051.84	-1,237.62	0	0
UTTARAKHAND	356.57	0	0	0	349.05	0	0	0
HIMACHAL PRADESH	231.04	-58.07	0	0	830.54	207.36	0	0
J&K(UT) & LADAKH(UT)	0	-16.3	0	0	0	-1,250	0	0
CHANDIGARH	0	-205	0	0	14.46	-94	0	0
RAILWAYS_NR ISTS	30.84	0	0	0	31.8	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	511.32	1,620	499.88	1,088	2,359.39	915.94
Chamera-I	748.75	760	753.95	-	-	-	-	-	0
Gandhisagar	381	399.9	725	-	-	-	-	-	0
Jawahar Sagar	295.96	298.7	2.01	-	-	-	-	-	0
Koteshwar	598.5	612.5	610.73	612.24	6	610.15	5	773.1	651.98
Pong	384.05	426.72	1,084	424.26	1,098	414.97	669	3,595.05	483.62
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	526.38	371	501.46	113	1,028.23	1,174.32
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	826.4	1,088	824.79	1,055	1,013.74	540
TOTAL	-	-	-	-	4,183	-	2,930	8,769.51	3,765.86

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	5	30
DELHI	7	10
HARYANA	8	23
HIMACHAL PRADESH	11	26
J&K(UT) & Ladakh(UT)	8	20
PUNJAB	4	14
RAJASTHAN	10	35
UTTAR PRADESH	4	11
UTTARAKHAND	7	22

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

	Inst Capacity	20:00	03:00	Day Peak			
Station/Constituents	(MW)	Peak MW	Off Peak MW	MW	HRS	Net MU	AVG MW
NCR_GENERATION	9225	3,083	2,859	3647	19:30:00	67.86	2,828
NCR_DRAWAL	-	11,536	9,378	12370	11:45:00	259.29	10,804
NCR_DEMAND	-	14,619	12,237	15368	19:15:00	327.15	13,631
LADAKH_DEMAND	-	16	-9	18	19:30:00	0.07	3

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