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

Power Supply Position in Northern Region For 08-Sep-2025

Date of Reporting:09-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
66,950	772	67,722	50.01	52,311	0	52,311	49.99	1,389	5

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	63.85	25.63	0	4.67	0	1.72	95.87	95.67	95.19	-0.48	191.06	0	191.06
HARYANA	39.72	0.94	1.4	1.18	0	0.74	43.98	151.75	151.3	-0.45	195.28	0	195.28
RAJASTHAN	87.06	4.37	1.84	23.35	44.66	5.38	166.65	67.81	60.59	-7.22	227.24	0	227.24
DELHI	0	0	4.18	0	0	1.82	6	118.58	118.94	0.36	124.94	0	124.94
UTTAR PRADESH	247.7	28.5	0	12.7	0	0.6	289.5	221.47	220.54	-0.93	513.68	3.64	510.04
UTTARAKHAND	0	26.28	0.57	0.57	0	0	27.42	19.41	20.03	0.62	48.81	1.36	47.45
HIMACHAL PRADESH	0	42.3	0	0.13	0	0	42.43	-7.26	-7.78	-0.52	34.65	0	34.65
J&K(UT) & Ladakh(UT)	0	23.82	0	0	0	0	23.82	22.79	24.3	1.51	48.12	0	48.12
CHANDIGARH	0	0	0	0	0	0	0	5.81	6.08	0.27	6.08	0	6.08
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.65	4.15	0.5	4.15	0	4.15
Region	438.33	151.84	7.99	42.6	44.66	10.26	695.67	699.68	693.34	-6.34	1,394.01	5	1,389.01

2(B)State Demand Met (Peak and off-peak Hrs)

State	Evening Peak (20:00) MW				AVG DEMAND	Off-Peak (03:00) MW			
	Demand Met	Shortage	UI	STOA/PX/RTM Transaction	MW	Demand Met	Shortage	UI	STOA/PX/RTM Transaction
PUNJAB	8,373	0	-461	-1,267	7,741	6,182	0	-88	-1,717
HARYANA	10,021	0	20	1,077	8,249	6,861	0	65	30
RAJASTHAN	11,351	0	27	458	9,547	8,361	0	-22	158
DELHI	5,676	0	224	1,011	5,200	4,236	0	117	874
UTTAR PRADESH	25,210	407	-19	2,507	21,322	22,149	0	29	2,353
UTTARAKHAND	2,035	365	106	-216	1,977	1,710	0	12	-282
HIMACHAL PRADESH	1,494	0	-8	-190	1,445	1,079	0	-57	-414
J&K(UT) & Ladakh(UT)	2,312	0	126	-485	2,005	1,334	0	200	-1,352
CHANDIGARH	281	0	12	-54	254	206	0	33	-123
RAILWAYS_NR ISTS	196	0	79	37	173	193	0	24	92
Region	66,949	772	106	2,878	57,913	52,311	0	313	-381

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	9,037	16:00	0	9,037	9,037	16:00	0	9,037	6,182	3:00	-	-	-	-
HARYANA	10,103	21:00	0	10,103	10,103	21:00	0	10,103	6,847	4:00	-	-	-	-
RAJASTHAN	11,351	20:00	0	11,351	11,351	20:00	0	11,351	8,298	4:00	-	-	-	-
DELHI	6,085	15:00	0	6,085	6,085	15:00	0	6,085	4,023	5:00	-	-	-	-
UP	25,928	22:00	296	26,225	26,225	22:00	296	25,928	16,607	7:00	-	-	-	-
UTTARAKHA ..	2,272	16:00	0	2,272	2,272	16:00	0	2,272	1,695	2:00	-	-	-	-
HP	1,728	7:00	0	1,728	1,728	7:00	0	1,728	1,059	1:00	-	-	-	-
J&K(UT)&Lad ..	2,446	10:00	0	2,446	2,446	10:00	0	2,446	1,319	4:00	-	-	-	-
CHANDIGARH	306	15:00	0	306	306	15:00	0	306	205	4:00	-	-	-	-
RAILWAYS_NR ISTS	208	1:00	0	208	208	1:00	0	208	111	13:00	-	-	-	-
NR	67,250	21:00	650	67,899	67,899	21:00	650	67,250	50,259	6:00	-	-	-	-

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	-1.66	01:00	0		0	-0.06	-3
DELHI GAS TURBINES(3 * 34 + 6 * 30)	282	34	35	35.51	03:00	0		0.83	0.76	32
PRAGATI GAS TURBINES(1 * 121.2 + 2 * 104.6)	331	145	148	147.94	13:00	0		3.56	3.48	145
RITHALA GPS(3 * 36)	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	176	180					4.39	4.18	174
WIND	0	0	0	0		0				
BIOMASS(52)	52	63	69	0		0		1.84	1.82	76
SOLAR(2)	2	0	0	0		0				
Total DELHI	2,145	239	249					6.23	6	250

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	524	345	550	00:00	338	09:00	10.49	9.51	396
JHAJJAR(CLP)(2 * 660)	1,320	1,233	751	1,245	23:00	727	09:00	22.59	21.04	877
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	488	375	495	00:00	346	06:30	9.57	9.18	383
Total THERMAL	3,855	2,245	1,471					42.65	39.73	1,656
FARIDABAD GPS(1 * 156.07 + 2 * 137.75)	432	239	0	246	23:00	0		1.4	1.4	58
Total GAS/NAPTHA/DIESEL	432	239	0					1.4	1.4	58
TOTAL HYDRO HARYANA(64.8)	65	17	39	43	19:00	35	14:45	0.94	0.94	39
Total HYDEL	65	17	39					0.94	0.94	39
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		1.18	1.18	49
Total HARYANA	4,654	2,501	1,510					46.91	43.99	1,833

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	186	181	186	20:00	123	13:00	4.09	4.09	170
BASPA (IPP) HPS(3 * 100)	300	301	301	302	10:00	301	01:00	7.23	7.14	298
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	8	111	05:00	0	01:00	2.32	2.32	97
OTHER HYDRO HP(503.75)	504	416	388	0		0		9.06	9.01	375
Total HYDEL	1,281	1,014	878					22.7	22.56	940
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	994	790	0		0		19.76	19.74	823
Total SMALL HYDRO	765	994	790					19.76	19.74	823
Total HP	2,065	2,008	1,668					42.59	42.43	1,768

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	890	890	891		0		21.37	21.37	890
OTHER HYDRO/IPP J&K(308)	308	124	103	125	22:00	0		2.46	2.46	103
Total HYDEL	1,208	1,014	993					23.83	23.83	993
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	1,014	993					23.83	23.83	993

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	290	145	290	18:00	145	01:00	5.34	4.87	203
GURU GOBIND SINGH TPS (ROPAR)(4 * 210)	840	0	0	0	01:00	0	01:00	0	-0.14	-6
GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)(2 * 210 + 2 * 250)	920	446	313	455	21:00	313	01:00	9.18	8.27	345
RAJPURA(NPL) TPS(2 * 700)	1,400	1,320	660	1,320	19:00	660	03:00	23.94	22.78	949
TALWANDI SABO TPS(3 * 660)	1,980	1,816	924	1,831	23:59	924	01:00	30.19	28.08	1,170
Total THERMAL	5,680	3,872	2,042					68.65	63.86	2,661
ANANADPUR SAHIB HYDRO PLANT(2 * 33.5 + 2 * 33.5)	134	111	111	111	01:00	111	01:00	2.7	2.7	113
MUKERIAN HYDRO PLANT(6 * 15 + 6 * 19.5 + 2 * 9)	225	163	160	164	21:00	150	23:00	3.85	3.85	160
RANJIT SAGAR POWER PLANT (4 * 150)	600	600	600	600	01:00	600	01:00	14.64	14.59	608
SHANAN(4 * 15 + 1 * 50)	110	80	65	80	10:00	65	01:00	1.62	1.62	68
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	954	936					25.69	25.64	1,069
WIND	0	0	0	0		0				
BIOMASS(303)	303	0	0	0		0		1.72	1.72	72
SOLAR(881)	881	59	59	498	13:00	59	01:00	4.67	4.67	195
Total PUNJAB	8,025	4,885	3,037					100.73	95.89	3,997

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	223	221	224	23:00	218	17:00	5.89	5.21	217
CHHABRA TPS(2 * 660 + 4 * 250)	2,320	1,781	1,138	1,818	22:00	1,086	15:00	34.87	32.25	1,344
GIRAL (IPP) LTPS(2 * 125)	250	0	0	0		0				
KALISINDH TPS(2 * 600)	1,200	495	669	723	01:00	329	16:00	14.78	13.59	566
KAWAI TPS(2 * 660)	1,320	0	0	0		0				
KOTA TPS(2 * 110 + 2 * 195 + 3 * 210)	1,240	156	125	160	23:45	121	10:00	3.8	3.38	141
RAJWEST (IPP) LTPS(8 * 135)	1,080	764	690	788	23:45	609	09:00	19.08	19.08	795
SURATGARH TPS (6 * 250 + 2 * 660(SSCTPS))	2,820	906	359	966	22:00	346	10:00	14.31	13.55	565
VSLPP (IPP)(1 * 135)	135	0	0	0		0				
Total THERMAL	10,615	4,325	3,202					92.73	87.06	3,628
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	01:00	73	13:00	1.9	1.84	77
Total GAS/NAPTHA/DIESEL	601	73	74					1.9	1.84	77
RAPS-A(1 * 100 + 1 * 200)	300	175	174	178	09:00	175	06:00	4.63	4.31	180
Total NUCLEAR	300	175	174					4.63	4.31	180
TOTAL HYDRO RAJASTHAN(550)	550	151	239	279	07:00	100	17:00	4.37	4.37	182
Total HYDEL	550	151	239					4.37	4.37	182
WIND(1 * 4328)	4,328	1,817	1,132	2,608	14:00	1,352	06:00	44.66	44.66	1,861
BIOMASS(102)	102	44	44	44	01:00	44	06:00	1.07	1.07	45
SOLAR(4568)	4,568	0	0	3,549	12:00	0	06:00	23.35	23.35	973
Total RAJASTHAN	21,064	6,585	4,865					172.71	166.66	6,946

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	900	903	903	03:00	0		21.9	20.2	842
ANPARA-C TPS(2 * 600)	1,200	1,110	1,101	1,110	15:00	0		28	25.9	1,079
ANPARA-D TPS(2 * 500)	1,000	934	934	944	15:00	0		23.8	22.3	929
BAJAJ ENERGY PVT LTD (IPP) TPS(10 * 45)	450	0	0	0		0				
BARA PPGCL TPS(3 * 660)	1,980	1,714	1,666	1,727	21:00	0		42.3	39.1	1,629
GHATAMPUR TPS (1*660)	660	182	0	503	23:59	0		2.1	1.9	79
HARDUAGANJ TPS(1 * 110 + 2 * 250 + 1*660)	1,270	0	0	0		0				
INFIRM POWER	660	216	180	234	21:00	0		3.3	3	125
JAWAHARPUR TPS(2*660)	1,320	125	0	125	20:00	0		1.1	1	42
JP CHURK(3 * 60)	180	0	0	0		0				
KHURJA TPS(1 * 660)	660	608	566	681	06:41	471	08:08	14.7	13.2	550
LALITPUR TPS(3 * 660)	1,980	1,850	1,748	1,855	19:00	0		37.7	35.4	1,475
MEJA TPS(2 * 660)	1,320	1,235	1,003	1,262	19:00	0		25.1	23.5	979
OBRA TPS (5 * 200+1*660)	1,660	1,185	1,248	1,261	11:00	0		31.7	28.6	1,192
PANKI_I TPS(1 * 660)	660	250	0	311	23:59	0		0.7	0.6	25
PARICHA TPS(2 * 210 + 2 * 250)	920	786	493	786	19:00	0		14.9	13.6	567
ROSA TPS(4 * 300)	1,200	1,113	661	1,131	21:00	0		21.2	19.4	808
TANDA TPS(4 * 110)	440	0	0	0		0				
Total THERMAL	19,190	12,208	10,503					268.5	247.7	10,321
ALAKHANANDA HEP(4 * 82.5)	330	264	342	355	22:00	0		7.1	7.1	296
RIHAND HPS(6 * 50)	300	280	280	280	01:00	0		6.6	6.6	275
VISHNUPARYAG HPS(4 * 110)	440	436	436	436	01:00	0		10.5	10.5	438
OTHER HYDRO UP(227)	227	179	179	184	01:00	0		4.3	4.3	179
Total HYDEL	1,297	1,159	1,237					28.5	28.5	1,188
WIND	0	0	0	0		0				
BIOMASS(26)	26	0	0	0		0				
SOLAR(2430)	2,642	0	0	1,854	11:00	0		12.7	12.7	529
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	13,392	11,765					310.3	289.5	12,063

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	82	0	90	22:00	0	01:00	0.6	0.57	24
SARAVANTI	450	0	0	0		0				
Total GAS/NAPTHA/DIESEL	675	82	0					0.6	0.57	24
OTHER HYDRO UK(1250)	1,250	1,065	1,125	1,125	03:00	1,052	11:00	26.35	26.28	1,095
Total HYDEL	1,250	1,065	1,125					26.35	26.28	1,095
WIND	0	0	0	0		0				
BIOMASS(127)	127	0	0	0		0				
SOLAR(278)	278	0	0	85	13:00	2	18:00	0.57	0.57	24
SMALL HYDRO(180)	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	1,147	1,125					27.52	27.42	1,143

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	997	581	1,128	22:15	541	15:30	15.97	17.73	16.22	0.26	676	-0.01
Sub-Total	1,500	1,411	997	581	-	-	-	-	15.97	17.73	16.22	0.26	676	-0.01
BBMB														
BHAKRA HPS(5 * 126 + 5 * 157)	1,415	1,362	1,401	1,401	1,401	20:00	1,401	03:00	32.69	33.71	33.32	0	1,388	0.63
DEHAR HPS(6 * 165)	990	480	495	495	495	20:00	495	03:00	11.52	11.91	11.66	0	486	0.14
PONG HPS(6 * 66)	396	352	360	360	360	20:00	360	03:00	8.45	8.69	8.54	0	356	0.09
Sub-Total	2,801	2,194	2,256	2,256	-	-	-	-	52.66	54.31	53.52	0	2,230	0.86
NHPC														
BAIRASIUL HPS(3 * 60)	180	124	0	0	0	-	0	-	2.86	2.99	2.97	0	124	0.11
CHAMERA I HPS(3 * 180)	540	180	361	360	366	19:00	230	17:00	7.19	8.44	8.36	0	348	1.17
CHAMERA II HPS(3 * 100)	300	208	205	199	206	22:00	197.93	17:00	4.77	4.82	4.75	0	198	-0.02
CHAMERA III HPS(3 * 77)	231	160	229	90	230	21:00	0	-	3.67	3.81	3.77	0	157	0.1
DHAULIGANGA HPS(4 * 70)	280	250	208	211	212	12:00	206.8	18:00	5.51	5.06	5.04	0	210	-0.47
DULHASTI HPS(3 * 130)	390	128	133	133	133	20:00	126.6	08:00	3.08	3.17	3.12	0	130	0.04
KISHANGANGA(3 * 110)	330	336	335	333	337	22:00	331.7	06:00	7.44	8.03	7.99	0	333	0.55
PARBATI III HEP(4 * 130)	520	0	0	0	0	-	0	-	0	0	0	0	0	0
PARBATI-II(4 * 200)	800	0	0	0	0	-	0	01:00	0	0	0.01	0	0	0.01
SALAL HPS(6 * 115)	690	700	724	595	728	23:59	482	15:00	16.61	16.13	15.93	0	664	-0.68
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	93	70	71	82	04:59	69.3	14:00	2.26	1.77	1.74	0	73	-0.52
URI HPS(4 * 120)	480	220	125	120	424	18:00	0	23:00	4.56	3.25	3.22	0	134	-1.34
URI-II HPS(4 * 60)	240	210	230	233	233	03:00	228.05	10:00	4.86	5.55	5.51	0	230	0.65
Sub-Total	5,195	2,735	2,746	2,471	-	-	-	-	65.77	66.06	65.41	0	2,726	-0.36
NPCL														
NAPS(2 * 220)	440	189	214	217	218	04:00	0	-	4.54	5.12	4.52	0	188	-0.02
RAPP-D	700	420	0	0	0	-	0	-	10.08	11.37	10.06	0	419	-0.02
RAPS-B(2 * 220)	440	360	397	404	405	02:00	0	-	8.64	9.61	8.51	0	355	-0.13
RAPS-C(2 * 220)	440	407	448	450	452	08:00	0	-	9.77	10.85	9.77	0	407	0
Sub-Total	2,020	1,376	1,059	1,071	-	-	-	-	33.03	36.95	32.86	0	1,369	-0.17
NTPC														
ANTA GPS(1 * 153.2 + 3 * 88.71)	419	384	244	0	249	23:10	0	-	0.93	1.44	1.4	0	58	0.47
AURAIYA GPS(2 * 109.3 + 4 * 111.19)	663	635	407	0	426	19:00	0	-	1.42	2.28	2.2	0	92	0.78
DADRI GPS(2 * 154.51 + 4 * 130.19)	830	800	479	0	479	19:45	0	-	1.7	2.58	2.48	0	103	0.78
DADRI-I TPS(4 * 210)	840	769	0	0	0	-	0	-	0	0	0	0	0	0
DADRI-II TPS(2 * 490)	980	919	532	519	703	05:45	0	-	11.88	12.94	12	0	500	0.12
KOLDAM HPS(4 * 200)	800	871	868	837	870	22:00	0	-	20.51	20.66	20.53	0	855	0.02
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	3.55	4.36	4.36	0	182	0.81
RIHAND-I STPS(2 * 500)	1,000	450	485	486	498	02:00	307	14:00	9.78	10.63	9.58	-0.02	399	-0.18
RIHAND-II STPS(2 * 500)	1,000	943	1,001	978	1,019	21:00	607	12:00	20.76	22.08	20.74	-0.08	864	0.06
RIHAND-III STPS(2 * 500)	1,000	943	998	959	1,015	22:00	923	12:00	20.54	21.71	20.5	-0.05	854	0.01
SINGRAULI HYDRO(1 * 8)	8	0	0	0	0	-	0	-	0	-	-	-	-	-
SINGRAULI STPS(2 * 500 + 5 * 200)	2,000	1,389	1,502	1,488	1,504	07:00	885	14:00	29.92	32.61	29.37	0	1,224	-0.55
TANDA TPS STAGE-II(2 * 660)	1,320	1,244	1,244	1,239	1,244	20:00	0	-	25.53	27.15	25.51	0	1,063	-0.02
UNCHAHAR II TPS(2 * 210)	420	360	395	127	409	21:00	127	04:00	4.58	5.35	4.54	0	189	-0.04
UNCHAHAR III TPS(1 * 210)	210	0	0	0	0	-	0	-	0	0	0	0	0	0
UNCHAHAR IV TPS(1 * 500)	500	466	490	299	507	19:00	289	01:00	8.38	9.19	8.71	0.21	363	0.12
UNCHAHAR TPS(2 * 210)	420	378	306	127	398	21:00	123	01:00	4.01	4.39	3.76	0	157	-0.25
Sub-Total	12,655	10,551	8,951	7,059	-	-	-	-	163.49	177.37	165.68	0.06	6,903	2.13
SJVNL														
NATHPA-JHAKRI HPS(6 * 250)	1,500	1,630	1,507	1,474	1,514	21:00	1,423	11:00	35.57	35.83	35.55	-0.01	1,481	-0.01
RAMPUR HEP(6 * 68.67)	412	449	424	412	427	21:00	407	11:00	9.79	9.97	9.9	0	413	0.11
Sub-Total	1,912	2,079	1,931	1,886	-	-	-	-	45.36	45.8	45.45	-0.01	1,894	0.1
THDC														
KOTESHWAR HPS(4 * 100)	400	396	401	283	410	19:00	90	09:00	4.98	5.18	5.17	0.1	215	0.09
TEHRI HPS(4 * 250)	1,000	1,072	1,080	748	1,092	19:00	0	09:00	14.43	14.83	14.75	0.01	615	0.31
TEHRI PSP(4 * 250)	1,000	250	250	0	250	20:00	0	-	0.18	1.1	0.36	0	15	0.18
Sub-Total	2,400	1,718	1,731	1,031	-	-	-	-	19.59	21.11	20.28	0.11	845	0.58

Total	**28,483**	**22,064**	**19,671**	**16,355**					**395.87**	**419.33**	**399.42**	**0.42**	**16,643**	**3.13**

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	1,045	1,045	1,045	20:00	1,045	11:00	24.78	25.12	24.9	1,038	0.12
SAINJ HEP(2 * 50)	100	0	0	0	0	-	0	-	0	-	-	-	-
SHREE CEMENT (IPP) TPS(2 * 150)	300	337	343	91	344	21:00	0	-	3.89	3.99	3.75	156	-0.14
SINGOLI BHATWARI HEP(3 * 33)	99	107	108	108	109	19:00	0	-	2.3	2.59	2.57	107	0.27
SORANG HYDROELECTRIC PROJECT(2 * 50)	100	80	100	95	101	00:00	0	-	2.34	2.35	2.35	98	0.01
Sub-Total	1,906	1,650	1,596	1,339	-	-	-	-	33.31	34.05	33.57	1,399	0.26
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	357	0	0	0	0	-	0	-	2.57	1.99	1.99	83	-0.58
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	1.43	1.65	1.65	69	0.22
ACME CHITTORGARH SOLAR ENERGY PVT LTD(1 * 250)	250	0	0	0	233	13:20	0	-	1.42	1.35	1.35	56	-0.07
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	252	10:59	0	-	1.35	0.96	0.95	40	-0.4
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	2.09	2.03	2.03	85	-0.06
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	257	11:09	0	-	1.37	0.93	0.93	39	-0.44
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	300	11:01	0	-	1.33	0.98	0.97	40	-0.36
ACME SIKAR SOLAR PRIVATE LIMITED	53	0	0	0	0	-	0	-	1.33	1.6	1.6	67	0.27
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	271	10:59	0	-	1.36	0.91	0.91	38	-0.45
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.6	0.65	0.65	27	0.05
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.6	0.64	0.64	27	0.04
ADANI GREEN ENERGY TWENTY FOUR LIMITED	405	0	0	0	224	11:56	0	-	1.4	1.31	1.3	54	-0.1
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)(1 * 200)	200	0	0	0	208	12:16	0	-	1.14	1.17	1.17	49	0.03
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	146	10:45	0	-	1.05	1.09	1.09	45	0.04
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150)	150	0	0	0	136	11:00	0	-	0.99	1.05	1.04	43	0.05
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.26	0.36	0.36	15	0.1
ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150)	150	0	0	0	150	12:36	0	-	0.62	0.65	0.65	27	0.03
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	85	11:54	0	-	0.46	0.36	0.35	15	-0.11
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	110	15:45	0	-	0.63	0.71	0.71	30	0.08
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	0	-	0	-	1.09	0.8	0.8	33	-0.29
AMBUJA CEMENTS LIMITED	150	0	0	0	0	-	0	-	0.63	0.73	0.73	30	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	93	09:30	0	-	0.63	0.63	0.63	26	0
AURAIYA SOLAR(1 * 40)	40	0	0	0	0	-	0	-	0.17	0.14	0.14	6	-0.03
AVAADA RJHN PRIVATE LIMITED(1*240)	240	0	0	0	248	11:45	0	-	1.64	1.74	1.74	73	0.1
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER(1 * 350)	350	0	0	0	362	12:13	0	-	2.38	2.56	2.56	107	0.18
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	329	13:59	0	-	2.19	2.1	2.1	88	-0.09
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	312	12:33	0	-	2.07	2.22	2.22	93	0.15
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	301	11:53	0	-	2.08	2.29	2.29	95	0.21
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	260	09:54	0	-	1.55	1.62	1.62	68	0.07
AZURE POWER FORTY THREE PRIVATE LIMITED(1 * 150 + 1 * 150 + 1 * 300)	600	0	0	0	453	14:00	0	-	3.33	3.48	3.48	145	0.15
AZURE POWER INDIA PVT LTD.(4 * 50)	200	0	0	0	182	13:44	0	-	0.94	0.79	0.79	33	-0.15
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	277	12:12	0	-	1.53	1.58	1.58	66	0.05
AZURE POWER THIRTY FOUR PRIVATE LTD(1 * 130)	130	0	0	0	135	13:07	0	-	0.76	0.76	0.76	32	0
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	0.99	1.58	1.58	66	0.59
CLEAN SOLAR POWER (BHADLA) PVT LTD(1 * 300)	300	0	0	0	305	13:30	0	-	1.71	1.48	1.48	62	-0.23
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	253	13:24	0	-	1.46	1.33	1.32	55	-0.14

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	-	0.54	0.44	0.44	18	-0.1
EDEN RENEWABLE ALMA PRIVATE LIMITED	100	0	0	0	259	15:46	0	-	1.33	1.52	1.51	63	0.18
EDEN RENEWABLE CITE PRIVATE LIMITED(1 * 300)	300	0	0	0	254	11:21	0	-	0.98	0.82	0.82	34	-0.16
FATEHGARH SOLAR PV PROJECT(1*296)	296	0	0	0	0	-	0	-	1.14	-	-	-	-
GORBEA SOLAR PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.41	1.74	1.74	73	0.33
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	93	15:57	0	-	0.62	0.64	0.64	27	0.02
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	84	09:44	0	-	0.54	0.51	0.51	21	-0.03
JUNA RENEWABLE ENERGY PRIVATE LIMITED	168	0	0	0	0	-	0	-	1.35	1.61	1.61	67	0.26
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	42	15:41	0	-	0.26	0.26	0.26	11	0
KARNISAR SOLAR PLANT NHPC LIMITED	107	0	0	0	184	15:34	0	-	0.93	1.17	1.16	48	0.23
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	250	0	0	0	0	-	0	-	1.54	1.61	1.61	67	0.07
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	2.98	3.14	3.14	131	0.16
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED(1 * 50)	50	0	0	0	48	13:12	0	-	0.24	0.26	0.26	11	0.02
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED(1 * 50)	50	0	0	0	47	14:14	0	-	0.27	0.26	0.26	11	-0.01
M/S AZURE POWER FORTY ONE PRIVATE LIMITED(1 * 300)	300	0	0	0	293	13:30	0	-	1.71	1.58	1.58	66	-0.13
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	93	15:46	0	-	0.61	0.64	0.64	27	0.03
MEGA SOILS RENEWABLE PRIVATE LIMITED(1 * 250)	250	0	0	0	0	-	0	-	1.21	1.22	1.22	51	0.01
MEGA SURYAURJA PVT LTD(1*250)	250	0	0	0	0	-	0	-	1.48	1.56	1.56	65	0.08
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.53	0.58	0.58	24	0.05
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	158	0	0	0	121	12:27	0	-	0.42	0.43	0.43	18	0.01
NOKHRA SOLAR POWER NTPC	300	0	0	0	0	-	0	-	1.44	1.49	1.49	62	0.05
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)(1 * 300)	300	0	0	0	199	10:57	0	-	0.99	0.67	0.67	28	-0.32
RENEW SURYA RAVI PVT LTD(1*300)	300	0	0	0	257	14:48	0	-	1.35	1.61	1.61	67	0.26
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	207	11:25	0	-	0.81	0.7	0.7	29	-0.11
RENEW SOLAR POWER PVT LTD(50)	50	0	0	0	238	12:54	0	-	0.24	1.63	1.63	68	1.39
RENEW SOLAR POWER PVT LTD. BIKANER(1 * 250)	250	0	0	0	0	-	0	-	1.56	1.61	1.61	67	0.05
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	202	11:34	0	-	0.69	0.68	0.68	28	-0.01
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	148	13:44	0	-	0.72	0.56	0.56	23	-0.16
RENEW SURYA JYOTI PRIVATE LIMITED	185	0	0	0	133	12:27	0	-	1.01	0.49	0.49	20	-0.52
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	0	-	0	-	0.53	0.46	0.45	19	-0.08
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	1.06	0.9	0.9	38	-0.16
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.26	0.21	0.21	9	-0.05
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	214	11:49	0	-	1.31	1.22	1.22	51	-0.09
SB ENERGY FOUR PVT LTD(2 * 100)	200	0	0	0	198	11:06	0	-	1.09	0.97	0.97	40	-0.12
SB ENERGY SIX PRIVATE LIMITED(1 * 300)	300	0	0	0	293	11:21	0	-	1.44	1.26	1.26	53	-0.18
SJVN GREEN ENERGY LIMITED	242	0	0	0	439	09:50	0	-	2.24	2.7	2.68	112	0.44
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED_BKN2	168	0	0	0	0	-	0	-	1.08	1.09	1.09	45	0.01
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	176	0	0	0	241	15:50	0	-	1.42	1.43	1.43	60	0.01
SINGRAULI SOLAR(15)	15	0	0	0	0	-	0	-	0.05	0.05	0.05	2	0
SOLZEN URJA PRIVATE LIMITED(1 * 300)	300	0	0	0	143	11:13	0	-	0.83	0.55	0.55	23	-0.28
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	83	09:28	0	-	0.15	0.56	0.56	23	0.41
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	221	14:10	0	-	1.46	1.52	1.52	63	0.06
TATA POWER RENEWABLE ENERGY LTD(1 * 300)	300	0	0	0	283	13:12	0	-	1.14	1.11	1.08	45	-0.06
TATA POWER SAURYA LIMITED	110	0	0	0	86	09:37	0	-	0.53	0.57	0.57	24	0.04
THAR SURYA 1PRIVATE LIMITED(1*300)	300	0	0	0	301	10:51	0	-	2.07	2.21	2.21	92	0.14
TRANSITION ENERGY SERVICES PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.36	0.57	0.57	24	0.21
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	104	15:56	0	-	0.6	0.66	0.66	28	0.06
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	51	15:06	0	-	0.29	0.33	0.33	14	0.04
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.36	0.3	0.3	13	-0.06
UNCHAHAR SOLAR(10)	10	0	0	0	6	11:00	0.282	06:30	0.04	0.04	0.03	1	-0.01

XL XERGI POWER PRIVATE LIMITED	400	0	0	0	0	-	0	-	0.8	0.9	0.9	38	0.1
Sub-Total	18,548	0	0	0	-	-	-	-	95.75	95.88	95.73	3,995	1.12
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	503	11:24	0	-	1.75	1.97	1.96	82	0.21
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	460	466	475	-	0	-	9.83	10.36	10.36	432	0.53
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	247	11:22	0	-	1.25	1.11	1.11	46	-0.14
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	98	74	98	20:00	0	-	1.54	2.2	2.2	92	0.66
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	227	-	0	-	1.34	0.9	0.9	38	-0.44
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	71	53	73	16:15	0	-	1.1	1.39	1.39	58	0.29
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	220	12:00	0	-	0.85	0.83	0.83	35	-0.02
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	73	64	73	16:00	0	-	1.1	1.58	1.58	66	0.48
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	171	13:45	0	-	1.1	0.78	0.78	33	-0.32
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	103	108	109	03:45	0	-	1.76	2.51	2.51	105	0.75
Sub-Total	2,846	0	805	765	-	-	-	-	21.62	23.63	23.62	987	2
Total	23,300	1,650	2,401	2,104					150.68	153.56	152.92	6,381	3.38

Summary Section

	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	66,474	31,771	25,212	730.82	695.72	28,993
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		2,174	391	164.28	164.28	8,113
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		-47	-58	1.23	1.23	15
Total Regional Availability(Gross)	118,257	55,970	44,004	1,469.22	1,413.57	60,145

Total Hydro Generation

	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	10,785	9,729	238	235.01	9,793
State Control Area Hydro	7,855	6,368	6,237	152.14	151.86	6,329
Total Regional Hydro	22,577	17,153	15,966	390.14	386.87	16,122

Total Renewable Generation

	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	21,639	805	765	123.87	123.71	5,164
State Control Area Renewable	13,630	1,983	1,304	92.63	92.61	3,860
Total Regional Renewable	35,269	2,788	2,069	216.5	216.32	9,024

Total Solar Generation

	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	20,773	0	0	105.83	105.67	4,411
State Control Area Solar	8,586	59	59	42.6	42.6	1,775
Total Solar	29,359	59	59	148.43	148.27	6,186

Total Wind Generation

	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	805	765	18.04	18.04	753
State Control Area Wind	4,328	1,817	1,132	44.66	44.66	1,861
Total Wind	5,194	2,622	1,897	62.7	62.7	2,614

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	0.7	-0.7
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	0.5	0	0.5
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	0	0.65	-0.65
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	0.06	0	0.06
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	2.66	0	2.66
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	9.8	0	9.8
10	400KV-Gorakhpur (UP)-Motihari(DMT)	-290	-304	360	102	3.95	0	3.95
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	-376	-412	539	233	5.5	0	5.5

Import/Export between EAST REGION and NORTH REGION								
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	0	3.2	-3.2
13	400KV-Varanasi (PG)-Sasaram(PG)	-24	-96	175	0	2.99	0	2.99
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	7.2	0	7.2
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	0	3.56	-3.56
16	765KV-Varanasi (PG)-Gaya(PG)	-101	-90	125	1,245	0	8.2	-8.2
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	-	-	-	-	9.6	0	9.6
Sub-Total EAST REGION		-791	-902	1,199	1,580	42.26	16.31	25.95
Import/Export between NORTH_EAST REGION and NORTH REGION								
1	HVDC800KV-Agra (PG)-Biswanath Charialli(PG)	-	-	-	-	7.25	0	7.25
Sub-Total NORTH_EAST REGION		0	0	0	0	7.25	0	7.25
Import/Export between WEST REGION and NORTH REGION								
1	132KV-Lalitpur (UP)-Rajghat(MP)	-	-	-	-	-	-	-
2	132KV-Sawai Madhopur (RJ)-Gwalior(MP)	-	-	-	-	-	-	-
3	220KV-Auraiya (NT)-Malanpur(PG)	-105	-7	-	171	0	1.6	-1.6
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	105	100	118	-	2.35	0	2.35
6	220KV-Ranpur (RS)-Bhanpura(MP)	92	75	94	-	1.89	0	1.89
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-42	25	-189	585	0	3.3	-3.3
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	4	-4
10	400KV-RAPS C (NP)-Sujalpur	8	149	51	902	0	8.57	-8.57
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-670	-444	0	-670	0	7.81	-7.81
13	765KV-0rai-Jabalpur	1,254	722	1,747	0	7.8	0	7.8
14	765KV-0rai-Satna	711	608	835	0	12.16	0	12.16
15	765KV-Agra (PG)-Gwalior(PG)	-	-	-	-	13.66	0	13.66
16	765KV-Chittorgarh-Banaskata D/C	11	-610	-898	610	1.88	0	1.88
17	765KV-Phagi (RJ)-Gwalior(PG)	1,001	474	1,001	-	0	2.1	-2.1
18	765KV-Varanasi (PG)-Vindhyachal(PG)	-2,649	-2,097	2,830	0	49.95	0	49.95
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	1,249	298	2,503	0	27	0	27
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	-	-	-	-	0	6.08	-6.08
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	2,000	2,000	2,000	0	47.85	0	47.85
Sub-Total WEST REGION		2,965	1,293	10,092	1,598	164.54	33.46	131.08
TOTAL IR EXCHANGE		2,174	391	11,291	3,178	214.05	49.77	164.28

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	87.74	18.4	0	-2.72	0	86.23	25.95	-60.28
NR-NORTH_EAST REGION	0	0	0	0	0	0	7.25	7.25
NR-WR	154.77	76.67	0	-121.89	0	94.06	131.08	37.02
Total	242.51	95.07	0	-124.61	0	180.29	164.28	-16.01

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

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	4.03	7.11	20.89	61.55	63.89	11.88	2.97	.37	15.22

<----------Frequency (Hz)---------->

Maximum		Minimum		Average	Freq Variation	Standard	Freq. in 15 mnt blk		Freq Dev Index
Frequency	Time	Frequency	Time	Frequency	Index	Deviation	Max.	Min.	(% of Time)
50.24	16:05:10	49.43	19:14:30	49.96	0.15	0.115	50.16	49.51	36.11

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index
					< 380	< 390	> 420	> 430	(% of time)
Abdullapur(PG) - 400KV	416	03:50	401	19:10	0	0	0	0	0
Amritsar(PG) - 400KV	415	03:50	400	19:10	0	0	0	0	0
Ballabgarh(PG) - 400KV	417	03:05	392	19:10	0	0	0	0	0

Bareilly II(PG) - 400KV	415	07:55	394	19:10	0	0	0	0	0
Bareilly(UP) - 400KV	416	07:55	395	19:15	0	0	0	0	0
Baspa(HP) - 400KV	409	00:00	397	19:00	0	0	0	0	0
Bassi(PG) - 400KV	419	03:05	398	09:25	0	0	0	0	0
Bawana(DTL) - 400KV	420	03:05	400	19:10	0	0	3.13	0	3.13
Dadri HVDC(PG). - 400KV	421	03:15	397	12:10	0	0	3.82	0	3.82
Gorakhpur(PG) - 400KV	413	08:00	391	21:00	5.21	5.21	0	0	5.21
Hisar(PG) - 400KV	420	03:05	401	19:10	0	0	0	0	0
Kanpur(PG) - 400KV	416	07:55	398	19:10	0	0	0	0	0
Kashipur(UT) - 400KV	417	07:55	407	19:10	0	0	0	0	0
Kishenpur(PG) - 400KV	409	03:50	404	19:10	0	0	0	0	0
Moga(PG) - 400KV	416	03:50	401	19:10	0	0	0	0	0
Nallagarh(PG) - 400KV	409	00:00	397	19:00	0	0	0	0	0
Rihand HVDC(PG) - 400KV	407	13:45	399	19:40	0	0	0	0	0
Rihand(NT) - 400KV	405	14:00	399	19:10	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	790	02:05	774	19:45	0	0	0	0	0
Balia(PG) - 765KV	783	08:00	755	19:15	0	0	0	0	0
Bareilly II(PG) - 765KV	787	07:55	749	19:15	0	0	0	0	0
Bhiwani(PG) - 765KV	794	15:20	766	11:20	0	0	0	0	0
Fatehpur(PG) - 765KV	788	16:20	758	01:25	0	0	0	0	0
Jhatikara(PG) - 765KV	790	03:05	750	19:10	0	0	0	0	0
Lucknow II(PG) - 765KV	797	07:55	752	19:15	0	0	0	0	0
Meerut(PG) - 765KV	796	08:00	759	19:10	0	0	0	0	0
Moga(PG) - 765KV	797	16:00	763	09:25	0	0	0	0	0
Phagi(RJ) - 765KV	800	17:30	768	11:20	0	0	.35	0	.35
Unnao(UP) - 765KV	778	07:55	747	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	982.71	0	0	-2,700	0	0	0	982.71	0	-1,200	-999.56	0	0	-50
HARYANA	2,075.6	45.83	-1,391.78	-700	0	0	0	1,375.67	0	-99.58	1.22	0	0	-200
RAJASTHAN	768.17	-46.49	-563.28	0	0	0	0	488.41	-57.3	32.37	-5.48	0	0	0
DELHI	918.14	0.77	-110	64.7	0	0	0	932.25	0	-6.61	85.82	0	0	0
UTTAR PRADESH	249.87	34.37	1,390.09	678.75	0	0	0	1,864.38	287.2	53.16	202.88	0	0	99.18
UTTARAKHA ..	-245	-3.2	-120	86.48	0	0	0	-245	-9.2	7.49	30.83	0	0	0
HIMACHAL PRADESH	-16.82	-63.4	-7.47	-326.01	0	0	0	-17.94	-63.3	-12.17	-96.79	0	0	0
J&K(UT) & LADAKH(UT)	-300	0	-300	-751.6	0	0	0	-426	-48.3	-16.3	5.48	0	0	0
CHANDIGARH	37.11	0	-170	9.67	0	0	0	80.69	0	-135	0	0	0	0
RAILWAYS_NR ISTS	31.72	7.84	52.14	0	0	0	0	31.72	0	1.4	4.18	0	0	0
TOTAL	4,501.5	-24.28	-1,220.3	-3,638.01	0	0	0	5,066.89	109.1	-1,375.24	-771.42	0	0	-150.82

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	118.02	26.23	0	-9.96	-38.62	95.67
HARYANA	136.52	49.73	0.64	-21.52	-12.62	151.75
RAJASTHAN	83.77	14.91	-1.27	-23.6	-6	67.81
DELHI	87.06	21.78	0.08	2.66	7	118.58
UTTAR PRADESH	188.66	11.78	2.19	11.93	6.62	221.47
UTTARAKHAND	22.79	-5.59	-0.07	1.51	1.67	19.67
HIMACHAL PRADESH	-0.35	-0.29	-1.18	-0.17	-5.27	-7.26
J&K(UT) & LADAKH(UT)	39.47	-3.96	-0.38	-4.38	-7.96	22.79
CHANDIGARH	6.99	0.95	0	-2.39	0.26	5.81
RAILWAYS_NR ISTS	1.97	0.76	0.2	0.61	0.11	3.65
TOTAL	684.9	116.3	0.21	-45.31	-54.81	699.94

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	5,248.95	4,746.96	1,341.38	982.71	0	0	0	0
HARYANA	6,489.08	4,925.16	2,655.87	875.64	48.26	0	3.1	0
RAJASTHAN	4,323.03	2,448.77	876.51	358.04	0.3	-80.1	0	0
DELHI	4,339.66	3,036.07	1,076.38	651.17	104.95	0	0	0
UTTAR PRADESH	9,645.85	6,259.92	1,864.81	-57.38	369.59	-5.56	10.64	0
UTTARAKHAND	1,112.71	803.4	-207.27	-245	0.38	-11.2	0	0
HIMACHAL PRADESH	248.95	-211.09	-0.93	-18.04	-24.69	-63.4	0	0
J&K(UT) & Ladakh(UT)	1,737.88	1,557.83	0	-426	0	-48.3	0	0
CHANDIGARH	332.25	240.75	80.96	0	0	0	0	0
RAILWAYS_NR ISTS	97.66	77.66	31.72	31.72	51.42	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	-2,600	0	-150	-100	-2,896.61	0	-100
HARYANA	1.82	-1,865.36	0	0	6.66	-1,375	0	-200
RAJASTHAN	47.45	-2,700.55	0	0	39.19	-1,400	0	0
DELHI	568.87	-449	0	0	719.09	-108.82	16.12	0
UTTAR PRADESH	3,815.73	-1,512.77	0	0	726.83	-831.86	99.18	0
UTTARAKHAND	434.32	-142	0	0	265.43	-53.53	0	0
HIMACHAL PRADESH	0.76	-12.17	0	0	-1.28	-463.31	0	0
J&K(UT) & LADAKH(UT)	-16.3	-314.4	0	0	14.76	-866.9	0	0
CHANDIGARH	0	-175	0	0	36.76	-10	0	0
RAILWAYS_NR ISTS	59.97	0	0	0	58.04	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	511.18	1,605	501.12	1,140	1,585.06	1,035.63
Chamera-I	748.75	760	753.95	757.18	13	-	-	426.87	352.42
Gandhisagar	381	399.9	725	-	-	-	-	-	0
Jawahar Sagar	295.96	298.7	2.01	-	-	-	-	-	0
Koteshwar	598.5	612.5	610.73	611.3	5	610.3	5	341.3	340.61
Pong	384.05	426.72	1,084	423.87	1,082	415.83	706	994.01	482.97
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	524.4	351	501.63	125	760.26	567.46
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	827.25	1,106	826.65	1,093	532	317
TOTAL	-	-	-	-	4,162	-	3,069	4,639.5	3,096.09

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	3	16
DELHI	5	17
HARYANA	3	10
HIMACHAL PRADESH	5	14
J&K(UT) & Ladakh(UT)	4	10
PUNJAB	6	16
RAJASTHAN	9	25
UTTAR PRADESH	3	12
UTTARAKHAND	4	10

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	4,220	1,966	4370	22:15:00	63.54	2,647
NCR_DRAWAL	-	13,925	11,204	15335	14:45:00	313.63	13,068
NCR_DEMAND	-	18,145	13,171	18464	21:30:00	377.18	15,716
LADAKH_DEMAND	-	16	-7	17	19:45:00	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	3.635	1,103.086	296.13	0	0	0	0	
UTTARAKHAND	1.36	465	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