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

Power Supply Position in Northern Region For 03-Sep-2025

Date of Reporting:04-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
60,240	0	60,240	50.06	46,209	0	46,209	50	1,240	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	57.03	23.63	0	3.8	0	1.72	86.17	67.29	66.32	-0.97	152.49	0	152.49
HARYANA	37.02	0	0	0.85	0	0.59	38.45	127.62	126.32	-1.3	164.77	0	164.77
RAJASTHAN	87.88	5.56	1.8	36.82	10.55	5.71	148.3	106.94	99.86	-7.08	248.16	0	248.16
DELHI	0	0	3.86	0	0	1.02	4.87	105.36	104.65	-0.71	109.52	0	109.52
UTTAR PRADESH	210.54	28.3	0	13.5	0	0.6	252.94	191.83	192.82	0.99	445.76	0	445.76
UTTARAKHAND	0	11.83	0	0.45	0	0	12.28	28.12	28.63	0.51	40.91	0	40.91
HIMACHAL PRADESH	0	22.22	0	0.13	0	0	22.35	10.65	11.31	0.66	33.66	0	33.66
J&K(UT) & Ladakh(UT)	0	22.82	0	0	0	0	22.82	12.89	13.68	0.79	36.5	0	36.5
CHANDIGARH	0	0	0	0	0	0	0	4.53	4.59	0.06	4.59	0	4.59
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.71	4.12	0.41	4.12	0	4.12
Region	392.47	114.36	5.66	55.55	10.55	9.64	588.18	658.94	652.3	-6.64	1,240.48	0	1,240.48

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	6,938	0	-318	-1,439	6,131	4,873	0	-178	-1,691
HARYANA	7,949	0	-217	455	6,985	6,060	0	-130	60
RAJASTHAN	10,897	0	-36	1,076	10,250	9,482	0	-117	977
DELHI	4,784	0	50	1,272	4,559	3,733	0	83	766
UTTAR PRADESH	23,686	0	4	2,912	18,582	18,220	0	62	948
UTTARAKHAND	2,107	0	-101	452	1,828	1,507	0	19	-248
HIMACHAL PRADESH	1,408	0	8	115	1,399	1,141	0	37	-66
J&K(UT) & Ladakh(UT)	2,060	0	57	-489	1,521	853	0	28	-1,439
CHANDIGARH	231	0	22	-73	191	151	0	23	-153
RAILWAYS_NR ISTS	181	0	12	91	172	191	0	18	96
Region	60,241	0	-519	4,372	51,618	46,211	0	-155	-750

2(C)State's Demand Met in MWs (Maximum Demand Met and Maximum requirement of the day details)

State	Maximum Demand, corresponding shortage and requirement details for the day				Maximum requirement, corresponding shortage and demand details for the day						ACE			
	Maximum Demand Met of the day	Time	Shortage during at maximum demand	Requirement at the max demand met of the day	Maximum Requirement of the day	Time	Shortage during at maximum Requirement	Demand Met at maximum requiremnet	Min Demand Met	Time	ACE_MAX	Time	ACE_MIN	Time
PUNJAB	7,500	19:00	0	7,500	7,500	19:00	0	7,500	4,738	4:00	-	-	-	-
HARYANA	8,063	19:00	0	8,063	8,063	19:00	0	8,063	6,007	4:00	-	-	-	-
RAJASTHAN	10,897	20:00	0	10,897	10,897	20:00	0	10,897	9,335	4:00	-	-	-	-
DELHI	5,527	12:00	0	5,527	5,527	12:00	0	5,527	3,597	5:00	-	-	-	-
UP	23,706	21:00	0	23,706	23,706	21:00	0	23,706	14,094	6:00	-	-	-	-
UTTARAKHA ..	2,206	19:00	0	2,206	2,206	19:00	0	2,206	1,507	3:00	-	-	-	-
HP	1,659	9:00	0	1,659	1,659	9:00	0	1,659	1,126	2:00	-	-	-	-
J&K(UT)&Lad ..	2,060	20:00	0	2,060	2,060	20:00	0	2,060	853	3:00	-	-	-	-
CHANDIGARH	241	19:00	0	241	241	19:00	0	241	147	4:00	-	-	-	-
RAILWAYS_NR ISTS	211	2:00	0	211	211	2:00	0	211	116	14:00	-	-	-	-
NR	60,703	19:00	0	60,703	60,703	19:00	0	60,703	44,621	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	-1.59	00:00	0		0	-0.05	-2
DELHI GAS TURBINES(3 * 34 + 6 * 30)	282	27	26	27.48	17:00	0		0.64	0.61	25
PRAGATI GAS TURBINES(1 * 121.2 + 2 * 104.6)	331	132	135	149.18	16:00	0		3.39	3.3	138
RITHALA GPS(3 * 36)	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	156	158					4.03	3.86	161
WIND	0	0	0	0		0				
BIOMASS(52)	52	41	33	0		0		1.03	1.02	43
SOLAR(2)	2	0	0	0		0				
Total DELHI	2,145	197	191					5.06	4.88	204

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	507	345	507	20:00	0		9.12	8.22	343
JHAJJAR(CLP)(2 * 660)	1,320	1,134	750	1,134	20:00	0		20.34	18.39	766
MAGNUM DIESEL (IPP)(4 * 6.3)	25	0	0	0		0				
PANIPAT TPS(1 * 210 + 2 * 250)	710	0	177	177	03:00	0		1.96	1.79	75
RGTPP(KHEDAR)(2 * 600)	1,200	492	369	492	20:00	0		9	8.63	360
Total THERMAL	3,855	2,133	1,641					40.42	37.03	1,544
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		0.59	0.59	25
SOLAR(196)	196	0	0	0		0		0.85	0.85	35
Total HARYANA	4,654	2,133	1,641					41.86	38.47	1,604

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	01:00	0		0	0	0
BASPA (IPP) HPS(3 * 100)	300	301	307	307	03:00	0		7.32	7.31	305
MALANA (IPP) HPS(2 * 43)	86	39	52	76	02:00	0		1.38	1.38	58
MALANA2(2 * 50)	100	0	0	0		0				
SAWARA KUDDU(3 * 37)	111	0	0	0	01:00	0		0	0	0
OTHER HYDRO HP(503.75)	504	209	92	0		0		3.81	3.78	158
Total HYDEL	1,281	549	451					12.51	12.47	521
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	495	390	0		0		9.76	9.75	406
Total SMALL HYDRO	765	495	390					9.76	9.75	406
Total HP	2,065	1,044	841					22.4	22.35	932

J&K(UT) & LADAKH(UT)

Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
GAS/DIESEL/OTHERS J&K(1 * 190)	190	0	0	0		0				
Total GAS/NAPTHA/DIESEL	190	0	0					0	0	0
BAGLIHAR (IPP) HPS(6 * 150)	900	0	0	0		0		20.71	20.71	863
OTHER HYDRO/IPP J&K(308)	308	0	0	0		0		2.11	2.11	88
Total HYDEL	1,208	0	0					22.82	22.82	951
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					22.82	22.82	951

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	3.94	3.53	147
GURU GOBIND SINGH TPS (ROPAR)(4 * 210)	840	0	0	0	01:00	0	01:00	0	-0.11	-5
GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)(2 * 210 + 2 * 250)	920	446	328	446	19:00	316	08:00	8.92	8.02	334
RAJPURA(NPL) TPS(2 * 700)	1,400	1,320	660	1,320	20:00	660	01:00	20.58	19.55	815
TALWANDI SABO TPS(3 * 660)	1,980	1,841	924	1,841	20:00	924	01:00	28.03	26.04	1,085
Total THERMAL	5,680	3,752	2,057					61.47	57.03	2,376
ANANADPUR SAHIB HYDRO PLANT(2 * 33.5 + 2 * 33.5)	134	111	106	112	23:00	105	04:00	2.59	2.59	108
MUKERIAN HYDRO PLANT(6 * 15 + 6 * 19.5 + 2 * 9)	225	158	130	158	15:00	130	01:00	3.58	3.57	149
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	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	869	836					23.69	23.63	985
WIND	0	0	0	0		0				
BIOMASS(303)	303	0	0	0		0		1.72	1.72	72
SOLAR(881)	881	59	59	400	14:00	58	18:00	3.8	3.8	158
Total PUNJAB	8,025	4,680	2,952					90.68	86.18	3,591

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	111	219	219	01:00	112	18:00	4.47	3.9	163
CHHABRA TPS(2 * 660 + 4 * 250)	2,320	1,705	1,531	1,737	00:00	1,107	10:00	36.78	34.06	1,419
GIRAL (IPP) LTPS(2 * 125)	250	0	0	0		0				
KALISINDH TPS(2 * 600)	1,200	1,018	769	1,064	23:00	638	09:00	20.63	19.19	800
KAWAI TPS(2 * 660)	1,320	0	0	0		0				
KOTA TPS(2 * 110 + 2 * 195 + 3 * 210)	1,240	126	124	145	00:00	117	17:00	3.69	3.28	137
RAJWEST (IPP) LTPS(8 * 135)	1,080	677	692	698	05:00	542	14:00	17.04	14.64	610
SURATGARH TPS (6 * 250 + 2 * 660(SSCTPS))	2,820	641	488	645	21:00	471	10:00	13.88	12.82	534
VSLPP (IPP)(1 * 135)	135	0	0	0		0				
Total THERMAL	10,615	4,278	3,823					96.49	87.89	3,663
DHOLPUR GPS(3 * 110)	330	0	0	0		0				
RAMGARH GPS(1 * 110 + 1 * 35.5 + 1 * 50 + 2 * 37.5)	271	73	70	73	21:00	70	06:00	1.86	1.8	75
Total GAS/NAPTHA/DIESEL	601	73	70					1.86	1.8	75
RAPS-A(1 * 100 + 1 * 200)	300	178	176	178	21:00	174	17:00	4.65	4.32	180
Total NUCLEAR	300	178	176					4.65	4.32	180
TOTAL HYDRO RAJASTHAN(550)	550	300	220	302	23:00	220	17:00	5.57	5.56	232
Total HYDEL	550	300	220					5.57	5.56	232
WIND(1 * 4328)	4,328	60	675	900	04:00	19	12:00	10.55	10.55	440
BIOMASS(102)	102	58	58	58	01:00	58	06:00	1.39	1.39	58
SOLAR(4568)	4,568	0	0	4,822	12:00	0	06:00	36.82	36.82	1,534
Total RAJASTHAN	21,064	4,947	5,022					157.33	148.33	6,182

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	1,375	1,158	1,375	20:00	900	16:00	28.9	26.8	1,117
ANPARA-C TPS(2 * 600)	1,200	1,092	1,031	1,105	21:00	606	10:00	22.4	20.8	867
ANPARA-D TPS(2 * 500)	1,000	898	732	924	01:00	545	08:00	18.5	17.3	721
BAJAJ ENERGY PVT LTD (IPP) TPS(10 * 45)	450	0	0	0		0				
BARA PPGCL TPS(3 * 660)	1,980	1,704	1,333	1,731	23:00	1,019	08:00	33.9	31.3	1,304
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	625	590	679	19:03	358	05:54	12.03	10.94	456
LALITPUR TPS(3 * 660)	1,980	1,827	1,028	1,827	20:00	1,007	18:00	30.2	28.4	1,183
MEJA TPS(2 * 660)	1,320	1,205	716	1,230	22:00	677	06:00	20.8	19.5	813
OBRA TPS (5 * 200+1*660)	1,660	1,142	1,158	1,224	07:00	1,099	22:00	30.5	27.5	1,146
PANKI_I TPS(1 * 660)	660	0	0	0		0				
PARICHA TPS(2 * 210 + 2 * 250)	920	759	510	759	20:00	476	19:00	13.5	12.3	513
ROSA TPS(4 * 300)	1,200	1,078	606	1,078	20:00	581	13:00	17.2	15.7	654
TANDA TPS(4 * 110)	440	0	0	0		0				
Total THERMAL	19,190	11,705	8,862					227.93	210.54	8,774
ALAKHANANDA HEP(4 * 82.5)	330	348	331	348	20:00	256	17:00	7.9	7.9	329
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	116	143	147	01:00	112	12:00	3.2	3.2	133
Total HYDEL	1,297	1,180	1,190					28.3	28.3	1,179
WIND	0	0	0	0		0				
BIOMASS(26)	26	0	0	0		0				
SOLAR(2430)	2,642	0	0	1,907	13:00	0	01:00	13.5	13.5	563
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	12,910	10,077					270.33	252.94	10,541

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	653	622	655	21:00	548	12:00	11.89	11.83	493
Total HYDEL	1,250	653	622					11.89	11.83	493
WIND	0	0	0	0		0				
BIOMASS(127)	127	0	0	0		0				
SOLAR(278)	278	0	0	84	12:00	4	17:00	0.45	0.45	19
SMALL HYDRO(180)	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	653	622					12.34	12.28	512

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	949	606	1,007	19:15	550	06:45	13.6	15.01	13.66	0.19	569	-0.13
Sub-Total	1,500	1,411	949	606	-	-	-	-	13.6	15.01	13.66	0.19	569	-0.13
BBMB														
BHAKRA HPS(5 * 126 + 5 * 157)	1,415	1,362	1,400	1,400	1,400	20:00	1,383	13:00	32.69	33.68	33.21	0	1,384	0.52
DEHAR HPS(6 * 165)	990	0	0	0	0	-	0	13:00	0	0	0	0	0	0
PONG HPS(6 * 66)	396	352	360	360	360	20:00	360	13:00	8.45	8.66	8.52	0	355	0.07
Sub-Total	2,801	1,714	1,760	1,760	-	-	-	-	41.14	42.34	41.73	0	1,739	0.59
NHPC														
BAIRASIUL HPS(3 * 60)	180	0	0	0	0	-	0	-	0	0	0	0	0	0
CHAMERA I HPS(3 * 180)	540	360	360	364	364	03:00	358	01:00	8.55	8.69	8.62	0	359	0.07
CHAMERA II HPS(3 * 100)	300	0	0	0	0	-	0	-	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	234	212	234	21:00	198	13:00	5.05	5.12	5.11	0	213	0.06
DULHASTI HPS(3 * 130)	390	0	0	245	257	02:00	0	04:00	1.5	1.14	1.1	0	46	-0.4
KISHANGANGA(3 * 110)	330	336	337	220	337	20:00	219.9	01:00	6.68	6.8	6.76	0	282	0.08
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	0	0	0	0	-	0	-	0	-	-	-	-	-
SEWA-II HPS(3 * 40)	120	126	124	123	125	21:00	0	-	2.94	3.01	2.98	0	124	0.04
TANAKPUR HPS(1 * 31.42 + 2 * 31.4)	94	93	104	0	106	-	0	01:00	1.35	1.48	1.46	0	61	0.11
URI HPS(4 * 120)	480	160	366	96	369	09:30	31.22	08:30	3.94	3.76	3.72	0	155	-0.22
URI-II HPS(4 * 60)	240	150	216	155	219	16:45	89.24	01:15	4.03	4.45	4.41	0	184	0.38
Sub-Total	5,195	1,432	1,741	1,415	-	-	-	-	34.04	34.45	34.17	0	1,424	0.13
NPCL														
NAPS(2 * 220)	440	192	219	218	221	05:00	0	-	4.61	5.19	4.58	0	191	-0.03
RAPP-D	700	414	0	0	0	-	0	-	9.92	11.27	9.96	0	415	0.04
RAPS-B(2 * 220)	440	349	396	394	400	14:00	0	-	8.37	9.54	8.43	0	351	0.06
RAPS-C(2 * 220)	440	406	449	451	451	01:00	0	-	9.74	10.83	9.77	0	407	0.03
Sub-Total	2,020	1,361	1,064	1,063	-	-	-	-	32.64	36.83	32.74	0	1,364	0.1
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	217	222	217	20:00	0	-	5.22	6.14	5.39	0	225	0.17
DADRI-II TPS(2 * 490)	980	919	623	560	623	20:00	0	-	12.82	14.33	13.25	0	552	0.43
KOLDAM HPS(4 * 200)	800	871	844	843	845	18:00	0	-	20.64	20.48	20.36	0	848	-0.28
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	3.87	3.8	3.8	0	158	-0.07
RIHAND-I STPS(2 * 500)	1,000	450	476	492	495	21:00	272	15:00	9.17	10.09	9.08	-0.05	378	-0.04
RIHAND-II STPS(2 * 500)	1,000	943	972	995	1,006	21:00	341	04:00	17.09	17.6	16.3	-0.05	679	-0.74
RIHAND-III STPS(2 * 500)	1,000	943	943	991	1,031	18:00	538	14:00	19.12	20.12	18.94	-0.09	789	-0.09
SINGRAULI HYDRO(1 * 8)	8	0	0	0	0	-	0	-	0	0.1	0.1	0	4	0.1
SINGRAULI STPS(2 * 500 + 5 * 200)	2,000	1,389	1,470	1,395	1,487	21:00	0	-	26.51	29.28	26.24	0	1,093	-0.27
TANDA TPS STAGE-II(2 * 660)	1,320	1,244	1,190	734	1,190	20:00	0	-	20.71	22.28	20.72	0	863	0.01
UNCHAHAR II TPS(2 * 210)	420	375	382	247	403	19:30	236	16:00	5.28	6.5	5.6	0.08	233	0.24
UNCHAHAR III TPS(1 * 210)	210	0	0	0	0	-	0	-	0	0	0	0	0	0
UNCHAHAR IV TPS(1 * 500)	500	466	456	310	491	07:00	284	06:00	7.28	8.07	7.47	0.28	311	-0.09
UNCHAHAR TPS(2 * 210)	420	365	387	238	389	19:30	231	13:00	5.22	6.18	5.43	0	226	0.21
Sub-Total	12,655	10,552	7,960	7,027	-	-	-	-	152.93	164.97	152.78	0.17	6,363	-0.32
SJVNL														
NATHPA-JHAKRI HPS(6 * 250)	1,500	1,630	1,467	1,646	1,647	05:00	1,460	22:00	38.81	37.64	37.34	0	1,556	-1.47
RAMPUR HEP(6 * 68.67)	412	449	413	448	450	05:00	409	15:00	10.5	10.43	10.35	0	431	-0.15
Sub-Total	1,912	2,079	1,880	2,094	-	-	-	-	49.31	48.07	47.69	0	1,987	-1.62
THDC														
KOTESHWAR HPS(4 * 100)	400	400	399	398	402	05:00	388	14:00	9.6	9.51	9.5	-0.11	396	0.01
TEHRI HPS(4 * 250)	1,000	1,072	1,055	1,068	1,085	05:00	1,027	10:00	25.73	25.61	25.45	0	1,060	-0.28
TEHRI PSP(4 * 250)	1,000	250	254	508	508	01:00	0	-	7.75	7.25	7.25	0	302	-0.5
Sub-Total	2,400	1,722	1,708	1,974	-	-	-	-	43.08	42.37	42.2	-0.11	1,758	-0.77

Total	**28,483**	**20,271**	**17,062**	**15,939**					**366.74**	**384.04**	**364.97**	**0.25**	**15,204**	**-2.02**

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	02:00	1,045	16:00	26.74	25.99	25.81	1,075	-0.93
SAINJ HEP(2 * 50)	100	0	0	0	0	-	0	-	0	-	-	-	-
SHREE CEMENT (IPP) TPS(2 * 150)	300	337	0	0	0	-	0	-	3.65	3.9	3.65	152	0
SINGOLI BHATWARI HEP(3 * 33)	99	107	70	81	107	06:41	0	-	2.04	1.99	1.97	82	-0.07
SORANG HYDROELECTRIC PROJECT(2 * 50)	100	70	92	0	101	22:00	0	-	1.32	0.74	0.74	31	-0.58
Sub-Total	**1,906**	**1,640**	**1,302**	**1,221**	-	-	-	-	**33.75**	**32.62**	**32.17**	**1,340**	**-1.58**
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	357	0	0	0	0	-	0	-	1.92	2	2	83	0.08
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	1.12	1.27	1.27	53	0.15
ACME CHITTORGARH SOLAR ENERGY PVT LTD(1 * 250)	250	0	0	0	220	12:49	0	-	1.03	1.08	1.08	45	0.05
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	314	12:52	0	-	1.82	1.57	1.56	65	-0.26
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	1.77	1.34	1.34	56	-0.43
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	306	12:51	0	-	1.82	1.55	1.55	65	-0.27
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	308	12:52	0	-	1.81	1.58	1.57	65	-0.24
ACME SIKAR SOLAR PRIVATE LIMITED	53	0	0	0	0	-	0	-	1.38	1.3	1.3	54	-0.08
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	310	12:50	0	-	1.82	1.55	1.54	64	-0.28
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.57	0.5	0.5	21	-0.07
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.58	0.6	0.6	25	0.02
ADANI GREEN ENERGY TWENTY FOUR LIMITED	405	0	0	0	0	-	0	-	2.03	2	2	83	-0.03
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)(1 * 200)	200	0	0	0	195	12:09	0	-	1.33	1.33	1.33	55	0
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	152	13:15	0	-	1.05	1.11	1.11	46	0.06
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150)	150	0	0	0	142	12:45	0	-	0.93	1.06	1.06	44	0.13
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.26	0.25	0.25	10	-0.01
ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150)	150	0	0	0	150	11:04	0	-	1.08	1.07	1.07	45	-0.01
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	164	11:38	0	-	1.59	1.42	1.42	59	-0.17
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	99	15:17	0	-	0.67	0.62	0.62	26	-0.05
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	378	12:54	0	-	1.78	1.84	1.83	76	0.05
AMBUJA CEMENTS LIMITED	150	0	0	0	0	-	0	-	1	1.1	1.1	46	0.1
AMP ENERGY GREEN FOUR PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.54	0.5	0.5	21	-0.04
AMPLUS AGES PRIVATE LIMITED(1*100)	100	0	0	0	84	15:17	0	-	0.59	0.57	0.57	24	-0.02
AURAIYA SOLAR(1 * 40)	40	0	0	0	0	-	0	-	0.18	0.14	0.14	6	-0.04
AVAADA RJHN PRIVATE LIMITED(1*240)	240	0	0	0	238	12:15	0	-	1.58	1.62	1.62	68	0.04
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER(1 * 350)	350	0	0	0	249	15:21	0	-	1.56	1.59	1.59	66	0.03
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	279	12:53	0	-	1.53	1.44	1.44	60	-0.09
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	268	12:51	0	-	1.45	1.44	1.44	60	-0.01
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	278	12:47	0	-	1.46	1.48	1.48	62	0.02
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	218	09:46	0	-	1.2	1.2	1.2	50	0
AZURE POWER FORTY THREE PRIVATE LIMITED(1 * 150 + 1 * 150 + 1 * 300)	600	0	0	0	363	09:45	0	-	2.42	2.49	2.49	104	0.07
AZURE POWER INDIA PVT LTD.(4 * 50)	200	0	0	0	173	12:27	0	-	1.18	1.22	1.22	51	0.04
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	262	12:24	0	-	1.92	1.85	1.85	77	-0.07
AZURE POWER THIRTY FOUR PRIVATE LTD(1 * 130)	130	0	0	0	133	12:05	0	-	0.88	0.91	0.91	38	0.03
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	0.96	0.9	0.9	38	-0.06
CLEAN SOLAR POWER (BHADLA) PVT LTD(1 * 300)	300	0	0	0	249	11:50	0	-	1.3	1.3	1.3	54	0
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	189	12:50	0	-	1.1	1.12	1.11	46	0.01

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	-	1.42	1.4	1.4	58	-0.02
EDEN RENEWABLE ALMA PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.42	1.4	1.4	58	-0.02
EDEN RENEWABLE CITE PRIVATE LIMITED(1 * 300)	300	0	0	0	246	12:55	0	-	1.33	1.44	1.44	60	0.11
FATEHGARH SOLAR PV PROJECT(1*296)	296	0	0	0	212	15:20	0	-	1.33	1.39	1.37	57	0.04
GORBEA SOLAR PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.55	1.5	1.5	63	-0.05
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	81	15:27	0	-	0.6	0.57	0.57	24	-0.03
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	80	15:16	0	-	0.52	0.54	0.54	23	0.02
JUNA RENEWABLE ENERGY PRIVATE LIMITED	168	0	0	0	0	-	0	-	1.35	1.3	1.3	54	-0.05
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	39	10:11	0	-	0.26	0.26	0.26	11	0
KARNISAR SOLAR PLANT NHPC LIMITED	107	0	0	0	167	15:17	0	-	0.89	1.11	1.11	46	0.22
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	250	0	0	0	0	-	0	-	1.5	1.4	1.4	58	-0.1
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	2.14	2.2	2.2	92	0.06
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED(1 * 50)	50	0	0	0	46	12:12	0	-	0.33	0.33	0.33	14	0
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED(1 * 50)	50	0	0	0	46	11:48	0	-	0.29	0.32	0.32	13	0.03
M/S AZURE POWER FORTY ONE PRIVATE LIMITED(1 * 300)	300	0	0	0	197	09:45	0	-	1.28	1.24	1.24	52	-0.04
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	80	15:20	0	-	0.59	0.56	0.56	23	-0.03
MEGA SOILS RENEWABLE PRIVATE LIMITED(1 * 250)	250	0	0	0	0	-	0	-	1.07	1.1	1.1	46	0.03
MEGA SURYAURJA PVT LTD(1*250)	250	0	0	0	0	-	0	-	1.06	1.08	1.08	45	0.02
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.39	0.41	0.41	17	0.02
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	158	0	0	0	0	-	0	-	1.01	1	1	42	-0.01
NOKHRA SOLAR POWER NTPC	300	0	0	0	0	-	0	-	1.08	1	1	42	-0.08
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)(1 * 300)	300	0	0	0	206	15:34	0	-	1.2	1.31	1.31	55	0.11
RENEW SURYA RAVI PVT LTD(1*300)	300	0	0	0	163	09:51	0	-	1.03	0.97	0.97	40	-0.06
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	294	12:59	0	-	1.3	1.38	1.38	58	0.08
RENEW SOLAR POWER PVT LTD(50)	50	0	0	0	200	09:43	0	-	0.31	1.09	1.09	45	0.78
RENEW SOLAR POWER PVT LTD. BIKANER(1 * 250)	250	0	0	0	0	-	0	-	0.88	0.35	0.35	15	-0.53
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	204	09:51	0	-	1.28	1.34	1.34	56	0.06
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	285	12:42	0	-	1.24	1.37	1.37	57	0.13
RENEW SURYA JYOTI PRIVATE LIMITED	185	0	0	0	158	15:16	0	-	1.07	1.07	1.07	45	0
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	205	12:27	0	-	1.43	1.52	1.52	63	0.09
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	1.53	1.5	1.5	63	-0.03
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	98	13:11	0	-	0.69	0.72	0.72	30	0.03
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	190	12:17	0	-	1.41	1.26	1.26	53	-0.15
SB ENERGY FOUR PVT LTD(2 * 100)	200	0	0	0	168	11:51	0	-	1.19	1.18	1.18	49	-0.01
SB ENERGY SIX PRIVATE LIMITED(1 * 300)	300	0	0	0	303	12:48	0	-	1.4	1.61	1.61	67	0.21
SJVN GREEN ENERGY LIMITED	242	0	0	0	348	09:59	0	-	1.57	1.74	1.72	72	0.15
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED_BKN2	168	0	0	0	0	-	0	-	1.1	1	1	42	-0.1
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	176	0	0	0	203	15:18	0	-	1.44	1.33	1.33	55	-0.11
SINGRAULI SOLAR(15)	15	0	0	0	14	13:00	0	-	0.05	0.06	0.05	2	0
SOLZEN URJA PRIVATE LIMITED(1 * 300)	300	0	0	0	259	12:39	0	-	1.29	1.27	1.27	53	-0.02
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	70	09:42	0	-	0.15	0.47	0.47	20	0.32
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	218	12:47	0	-	1.45	1.44	1.44	60	-0.01
TATA POWER RENEWABLE ENERGY LTD(1 * 300)	300	0	0	0	273	12:51	0	-	1.21	1.3	1.28	53	0.07
TATA POWER SAURYA LIMITED	110	0	0	0	79	14:41	0	-	0.54	0.55	0.55	23	0.01
THAR SURYA 1PRIVATE LIMITED(1*300)	300	0	0	0	216	09:49	0	-	1.43	1.41	1.41	59	-0.02
TRANSITION ENERGY SERVICES PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.37	0.3	0.3	13	-0.07
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	85	09:43	0	-	0.57	0.56	0.56	23	-0.01
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	42	15:36	0	-	0.3	0.28	0.28	12	-0.02
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.3	0.2	0.2	8	-0.1
UNCHAHAR SOLAR(10)	10	0	0	0	5	10:00	0.102	06:30	0.02	0.04	0.04	2	0.02

XL XERGI POWER PRIVATE LIMITED	400	0	0	0	218	15:15	0	-	1.87	1.74	1.74	73	-0.13
Sub-Total	18,548	0	0	0	-	-	-	-	98.26	97.83	97.71	4,075	-0.55
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	572	11:07	0	-	3.57	3.78	3.77	157	0.2
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	0	0	0	-	0	-	3.32	1.11	1.11	46	-2.21
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	363	11:42	0	-	2.81	2.77	2.77	115	-0.04
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	0	50	71	04:45	0	-	0.77	0.48	0.48	20	-0.29
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	265	-	0	-	1.89	1.82	1.82	76	-0.07
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	0	47	58	05:15	0	-	0.58	0.37	0.37	15	-0.21
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	286	10:00	0	-	1.91	1.89	1.89	79	-0.02
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	0	39	56	03:45	0	-	0.59	0.34	0.34	14	-0.25
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	413	12:53	0	-	2.07	2.06	2.06	86	-0.01
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	0	67	97	03:30	0	-	0.77	61.57	0.62	26	-0.15
Sub-Total	2,846	0	0	203	-	-	-	-	18.28	76.19	15.23	634	-3.05
Total	23,300	1,640	1,302	1,424					150.29	206.64	145.11	6,049	-5.18

Summary Section

	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	66,474	26,564	21,346	622.82	588.25	24,517
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		3,726	3,568	165.59	165.59	5,400
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		-29	-65	1.12	1.12	66
Total Regional Availability(Gross)	118,257	48,625	42,212	1,380.21	1,265.04	51,236

Total Hydro Generation

	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	9,235	9,307	216.53	214.77	8,948
State Control Area Hydro	7,855	4,046	3,709	114.54	114.36	4,767
Total Regional Hydro	22,577	13,281	13,016	331.07	329.13	13,715

Total Renewable Generation

	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	21,639	0	203	177.82	116.74	4,867
State Control Area Renewable	13,630	218	825	70.83	70.82	2,952
Total Regional Renewable	35,269	218	1,028	248.65	187.56	7,819

Total Solar Generation

	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	20,773	0	0	113.95	113.82	4,746
State Control Area Solar	8,586	59	59	55.55	55.55	2,314
Total Solar	29,359	59	59	169.5	169.37	7,060

Total Wind Generation

	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	0	203	63.87	2.92	121
State Control Area Wind	4,328	60	675	10.55	10.55	440
Total Wind	5,194	60	878	74.42	13.47	561

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)	13	26	-	32	0	0.59	-0.59
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	0.11	0	0.11
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	0	0.36	-0.36
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	0	0.13	-0.13
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	1.1	0	1.1
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	9.3	0	9.3
10	400KV-Gorakhpur (UP)-Motihari(DMT)	-	-	-	-	2.15	0	2.15
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	-	-	-	-	5.4	0	5.4

Import/Export between EAST REGION and NORTH REGION								
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	0	3.1	-3.1
13	400KV-Varanasi (PG)-Sasaram(PG)	-80	-115	161	0	2.65	0	2.65
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	8.8	0	8.8
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	0	3.99	-3.99
16	765KV-Varanasi (PG)-Gaya(PG)	-335	424	335	1,157	0	8.01	-8.01
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	-	-	-	-	8.9	0	8.9
Sub-Total EAST REGION		-402	335	496	1,189	38.41	16.18	22.23
Import/Export between NORTH_EAST REGION and NORTH REGION								
1	HVDC800KV-Agra (PG)-Biswanath Charialli(PG)	-	-	-	-	7.24	0	7.24
Sub-Total NORTH_EAST REGION		0	0	0	0	7.24	0	7.24
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)	48	-25	-	152	0	0.72	-0.72
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	106	87	106	-	2.2	0	2.2
6	220KV-Ranpur (RS)-Bhanpura(MP)	90	70	90	-	1.75	0	1.75
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-302	-254	-412	604	0.38	0	0.38
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	8.49	-8.49
10	400KV-RAPS C (NP)-Sujalpur	-	-	-	-	0	4.6	-4.6
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-992	-636	0	-992	0	11.28	-11.28
13	765KV-0rai-Jabalpur	1,944	943	2,070	0	15.64	0	15.64
14	765KV-0rai-Satna	762	523	809	0	10.45	0	10.45
15	765KV-Agra (PG)-Gwalior(PG)	-	-	-	-	14.56	0	14.56
16	765KV-Chittorgarh-Banaskata D/C	641	784	-1,160	1,941	0	17.99	-17.99
17	765KV-Phagi (RJ)-Gwalior(PG)	1,452	817	1,504	1,400	6.5	0	6.5
18	765KV-Varanasi (PG)-Vindhyachal(PG)	-2,870	-2,326	2,938	0	50.2	0	50.2
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	999	1,000	1,003	0	23.89	0	23.89
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	250	250	250	0	6.03	0	6.03
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	2,000	2,000	2,000	0	47.6	0	47.6
Sub-Total WEST REGION		4,128	3,233	9,198	3,105	179.2	43.08	136.12
TOTAL IR EXCHANGE		3,726	3,568	9,694	4,294	224.85	59.26	165.59

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	97.84	13.32	0	-3.68	0	82.54	22.23	-60.31
NR-NORTH_EAST REGION	0	0	0	0	0	0	7.24	7.24
NR-WR	123.32	83.27	0	-114.3	0	56.94	136.12	79.18
Total	221.16	96.59	0	-117.98	0	139.48	165.59	26.11

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)	-29	-65	66.024	0	1.12	0	1.12	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	.38	4.22	46.61	79.7	13.21	2.26	.61	16.08

<----------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)
50.41	12:50:10	49.76	17:52:00	50	0.035	0.059	50.25	49.83	20.3

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index
					< 380	< 390	> 420	> 430	(% of time)
Abdullapur(PG) - 400KV	422	06:00	409	19:15	0	0	24.65	0	24.65
Amritsar(PG) - 400KV	423	04:30	410	19:20	0	0	24.31	0	24.31
Ballabgarh(PG) - 400KV	421	04:00	398	19:15	0	0	6.94	0	6.94

Bareilly II(PG) - 400KV	421	06:00	395	19:15	0	0	1.74	0	1.74
Bareilly(UP) - 400KV	422	06:00	396	19:15	0	0	4.51	0	4.51
Baspa(HP) - 400KV	414	00:00	410	14:30	0	0	0	0	0
Bassi(PG) - 400KV	419	04:00	402	19:15	0	0	0	0	0
Bawana(DTL) - 400KV	425	04:00	407	19:15	0	0	30.21	0	30.21
Dadri HVDC(PG). - 400KV	420	05:00	401	19:15	0	0	0	0	0
Gorakhpur(PG) - 400KV	414	17:25	383	19:15	0	1.74	0	0	0
Hisar(PG) - 400KV	426	04:00	411	19:15	0	0	43.06	0	43.06
Kanpur(PG) - 400KV	418	06:00	395	19:15	0	0	0	0	0
Kashipur(UT) - 400KV	421	06:00	408	19:15	0	0	6.25	0	6.25
Kishenpur(PG) - 400KV	422	06:00	413	19:15	0	0	19.79	0	19.79
Moga(PG) - 400KV	424	04:00	412	19:20	0	0	33.68	0	33.68
Nallagarh(PG) - 400KV	414	00:00	410	14:30	0	0	0	0	0
Rihand HVDC(PG) - 400KV	402	11:10	394	19:20	0	0	0	0	0
Rihand(NT) - 400KV	402	16:00	395	19:15	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	792	13:05	768	19:10	0	0	0	0	0
Balia(PG) - 765KV	785	06:05	736	19:15	0	1.39	0	0	0
Bareilly II(PG) - 765KV	801	06:00	23	11:35	26.74	26.74	.69	0	27.43
Bhiwani(PG) - 765KV	797	03:45	770	09:35	0	0	0	0	0
Fatehpur(PG) - 765KV	783	05:00	744	19:15	0	0	0	0	0
Jhatikara(PG) - 765KV	795	04:00	762	19:15	0	0	0	0	0
Lucknow II(PG) - 765KV	790	06:00	731	19:15	0	1.39	0	0	0
Meerut(PG) - 765KV	797	06:00	760	19:15	0	0	0	0	0
Moga(PG) - 765KV	802	12:20	769	09:10	0	0	4.17	0	4.17
Phagi(RJ) - 765KV	797	13:10	769	09:45	0	0	0	0	0
Unnao(UP) - 765KV	780	07:50	737	19:15	0	1.74	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	-3,200	0	0	0	1,509.09	0	-500	-2,448.07	0	0	0
HARYANA	2,237.72	58.11	-1,535.89	-700	0	0	0	1,978.38	7.34	-1,181.32	-348.94	0	0	0
RAJASTHAN	867.32	-20.11	130.18	0	0	0	0	952.23	1.27	122.14	0	0	0	0
DELHI	851.71	0.77	-130.25	43.62	0	0	0	854.48	2.68	20.67	394.15	0	0	0
UTTAR PRADESH	237.11	21.01	374.2	315.35	0	0	0	1,876.4	47.04	94.14	893.98	0	0	0
UTTARAKHA ..	-245	-3.2	0	0	0	0	0	-245	-6.2	357.53	345.97	0	0	0
HIMACHAL PRADESH	-566.82	-61.2	-58.07	620.35	0	0	0	-567.94	-61.2	-58.07	802.39	0	0	0
J&K(UT) & LADAKH(UT)	-300	0	-300	-839.3	0	0	0	-426	-48.5	-14.4	0	0	0	0
CHANDIGARH	36.96	0	-200	9.64	0	0	0	79.36	0	-165	12.53	0	0	0
RAILWAYS_NR ISTS	36.1	0	30.84	28.91	0	0	0	31.6	10.74	20.04	28.91	0	0	0
TOTAL	4,664.19	-4.62	-1,688.99	-3,721.43	0	0	0	6,042.6	-46.83	-1,304.27	-319.08	0	0	0

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	99.44	37.89	0	-3.3	-66.74	67.29
HARYANA	117.51	53.87	0.75	-21.2	-23.31	127.62
RAJASTHAN	88	19.13	-0.25	3.13	-3.07	106.94
DELHI	76.65	21	0.03	1.62	6.06	105.36
UTTAR PRADESH	165.21	11.7	1.15	3.22	9.75	191.83
UTTARAKHAND	27.88	-5.65	-0.06	1.86	4.09	28.12
HIMACHAL PRADESH	16.51	-17.14	-0.8	-1.6	13.68	10.65
J&K(UT) & LADAKH(UT)	32.43	-3.96	-0.29	-4.26	-11.03	12.89
CHANDIGARH	6.65	0.75	0	-2.64	-0.23	4.53
RAILWAYS_NR ISTS	1.92	0.78	0.09	0.36	0.56	3.71
TOTAL	632.2	118.37	0.62	-22.81	-70.24	658.94

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	4,566.33	3,744.7	2,085.74	1,509.09	0	0	0	0
HARYANA	5,573.36	4,163.4	2,531.99	1,778.38	58.11	0	12.72	0
RAJASTHAN	4,620.64	2,877.08	994.52	550.27	48.96	-30.51	0	0
DELHI	3,743.42	2,701.37	998.08	682.09	7.71	0	0	0
UTTAR PRADESH	8,674.59	5,314.48	1,876.83	-52	142.05	0.93	0	0
UTTARAKHAND	1,284.93	1,077.33	-217.63	-245	0.37	-9.2	0	0
HIMACHAL PRADESH	1,184.23	310.98	-553.94	-916.48	28.47	-61.2	0	0
J&K(UT) & Ladakh(UT)	1,466.11	1,212.35	0	-426	0	-48.5	0	0
CHANDIGARH	291.75	267	79.36	0	0	0	0	0
RAILWAYS_NR ISTS	89.05	73.11	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	-950	0	-100	-1,400	-3,600	0	0
HARYANA	13.3	-2,110.93	0	-500	2.41	-2,749.04	0	0
RAJASTHAN	167.4	-45.94	0	0	289.11	-1,313.6	0	0
DELHI	385.48	-267.77	0	0	746.22	-229.75	0	0
UTTAR PRADESH	424.12	-2,204.45	0	-22.48	1,414.42	-979.57	0	0
UTTARAKHAND	359.46	0	0	0	525.22	-77.78	0	0
HIMACHAL PRADESH	-13.07	-101.48	0	0	888.44	321.74	0	0
J&K(UT) & LADAKH(UT)	-14.4	-300	0	0	144.56	-1,131.2	0	0
CHANDIGARH	0	-200	0	0	18.31	-78	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	511.71	1,636	500.13	1,101	2,714.22	1,013.74
Chamera-I	748.75	760	753.95	754.75	9	-	-	1,765.25	235.22
Gandhisagar	381	399.9	725	-	-	-	-	-	0
Jawahar Sagar	295.96	298.7	2.01	-	-	-	-	-	0
Koteshwar	598.5	612.5	610.73	612.07	6	610.45	5	828.8	624.2
Pong	384.05	426.72	1,084	425.04	1,131	415.09	681	4,722.45	481.7
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	527.14	381	501.57	125	2,661.16	568.61
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	826.88	1,098	825.4	1,067	1,051.14	551
TOTAL	-	-	-	-	4,261	-	2,979	13,743.02	3,474.47

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	6	18
DELHI	7	16
HARYANA	9	15
HIMACHAL PRADESH	7	24
J&K(UT) & Ladakh(UT)	8	30
PUNJAB	5	21
RAJASTHAN	9	34
UTTAR PRADESH	1	7
UTTARAKHAND	6	12

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	3,367	2,691	3623	19:15:00	63.58	2,649
NCR_DRAWAL	-	11,692	9,832	13385	11:30:00	274.35	11,431
NCR_DEMAND	-	15,059	12,523	15959	11:45:00	337.94	14,081
LADAKH_DEMAND	-	23	-8	23	19:30:00	0.1	4

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	**0.012**	**12**	**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 :

A1 MAIN BAY - 220 KV KURUKSHETRA(PG)-RAMANA RAMANI (HVPNL) (HVPNL) CKT-1 (HVPNL) AT 220 KV RAMANA RAMANI (HVPNL) Charging Availed at 04-Sep-25 00:21
A2 MAIN BAY - 220 KV KURUKSHETRA(PG)-RAMANA RAMANI (HVPNL) (HVPNL) CKT-2 (HVPNL) AT 220 KV RAMANA RAMANI (HVPNL) Charging Availed at 04-Sep-25 00:21
220 KV KURUKSHETRA(PG)-RAMANA RAMANI (HVPNL) (HVPNL) CKT-1 Charging Availed at 04-Sep-25 00:21
220 KV KURUKSHETRA(PG)-RAMANA RAMANI (HVPNL) (HVPNL) CKT-2 Charging Availed at 04-Sep-25 00:21

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