



GRID CONTROLLER OF INDIA (GRID-INDIA)

NORTHERN REGIONAL LOAD DESPATCH CENTRE

DAILY OPERATION REPORT OF NORTHERN REGION

Power Supply Position in Northern Region For 07-Sep-2025

Date of Reporting:08-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
62,823	0	62,823	49.98	53,450	0	53,450	50.03	1,297	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	55.21	25.59	0	3.19	0	1.72	85.71	82.73	83.43	0.7	169.14	0	169.14
HARYANA	34.73	0.94	0	0.82	0	0.68	37.17	133.83	131.53	-2.3	168.7	0	168.7
RAJASTHAN	75.9	5.87	1.84	25.95	26.34	5.22	141.1	88.76	74.71	-14.05	215.81	0	215.81
DELHI	0	0	4.22	0	0	1.6	5.82	109.53	109.15	-0.38	114.97	0	114.97
UTTAR PRADESH	221.22	29.1	0	15.9	0	0.6	266.82	231.54	232.02	0.48	498.84	0	498.84
UTTARAKHAND	0	25.22	0	0.6	0	0	25.82	19.3	19.25	-0.05	45.07	0	45.07
HIMACHAL PRADESH	0	38.65	0	0.13	0	0	38.78	-6.63	-7.53	-0.9	31.25	0	31.25
J&K(UT) & Ladakh(UT)	0	24.01	0	0	0	0	24.01	19.56	20.18	0.62	44.19	0	44.19
CHANDIGARH	0	0	0	0	0	0	0	4.88	4.92	0.04	4.92	0	4.92
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.8	4.35	0.55	4.35	0	4.35
Region	387.06	149.38	6.06	46.59	26.34	9.82	625.23	687.3	672.01	-15.29	1,297.24	0	1,297.24

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	7,256	0	-96	-2,517	6,847	6,663	0	347	-1,467
HARYANA	8,089	0	198	-183	7,162	7,276	0	-135	812
RAJASTHAN	10,073	0	-231	502	8,994	8,673	0	-167	387
DELHI	5,036	0	14	1,060	4,788	4,412	0	142	1,113
UTTAR PRADESH	26,554	0	375	5,879	20,699	21,730	0	530	1,577
UTTARAKHAND	2,088	0	24	-169	1,882	1,846	0	38	-15
HIMACHAL PRADESH	1,288	0	-41	73	1,303	1,166	0	-38	-11
J&K(UT) & Ladakh(UT)	2,010	0	-246	-489	1,841	1,315	0	117	-1,456
CHANDIGARH	246	0	2	-91	205	170	0	3	-134
RAILWAYS_NR ISTS	182	0	13	91	181	198	0	29	91
Region	62,822	0	12	4,156	53,902	53,449	0	866	897

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	7,379	21:00	0	7,379	7,379	21:00	0	7,379	6,389	14:00	-	-	-	-
HARYANA	8,388	21:00	0	8,388	8,388	21:00	0	8,388	6,245	8:00	-	-	-	-
RAJASTHAN	10,073	20:00	0	10,073	10,073	20:00	0	10,073	8,173	13:00	-	-	-	-
DELHI	5,276	22:00	0	5,276	5,276	22:00	0	5,276	4,064	6:00	-	-	-	-
UP	26,560	21:00	0	26,560	26,560	21:00	0	26,560	16,066	6:00	-	-	-	-
UTTARAKHA ..	2,116	18:00	0	2,116	2,116	18:00	0	2,116	1,653	11:00	-	-	-	-
HP	1,507	9:00	0	1,507	1,507	9:00	0	1,507	1,094	23:00	-	-	-	-
J&K(UT)&Lad ..	2,100	11:00	0	2,100	2,100	11:00	0	2,100	1,300	4:00	-	-	-	-
CHANDIGARH	246	20:00	0	246	246	20:00	0	246	168	4:00	-	-	-	-
RAILWAYS_NR ISTS	212	0:00	0	212	212	0:00	0	212	146	14:00	-	-	-	-
NR	63,176	21:00	0	63,176	63,176	21:00	0	63,176	48,169	8:00	-	-	-	-

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	-1.61		0		0	-0.06	-3
DELHI GAS TURBINES(3 * 34 + 6 * 30)	282	35	35	35.3		0		0.83	0.78	33
PRAGATI GAS TURBINES(1 * 121.2 + 2 * 104.6)	331	147	147	147.27		0		3.58	3.5	146
RITHALA GPS(3 * 36)	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	179	179					4.41	4.22	176
WIND	0	0	0	0		0				
BIOMASS(52)	52	66	53	0		0		1.62	1.6	67
SOLAR(2)	2	0	0	0		0				
Total DELHI	2,145	245	232					6.03	5.82	243

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	355	344	505	22:00	344	07:00	9.31	8.4	350
JHAJJAR(CLP)(2 * 660)	1,320	774	744	779	18:00	739	11:00	19.4	17.99	750
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	355	364	376	00:00	351	11:00	8.7	8.34	348
Total THERMAL	3,855	1,484	1,452					37.41	34.73	1,448
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	39	38	43	18:00	37	07:00	0.95	0.94	39
Total HYDEL	65	39	38					0.95	0.94	39
WIND	0	0	0	0		0				
BIOMASS(106)	106	0	0	0		0		0.68	0.68	28
SOLAR(196)	196	0	0	0		0		0.82	0.82	34
Total HARYANA	4,654	1,523	1,490					39.86	37.17	1,549

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	181	181	181	07:00	181	01:00	4.34	4.34	181
BASPA (IPP) HPS(3 * 100)	300	301	301	301	07:00	301	01:00	7.22	7.12	297
MALANA (IPP) HPS(2 * 43)	86	0	0	0	00:00	0	00:00	0	0	0
MALANA2(2 * 50)	100	0	0	0		0				
SAWARA KUDDU(3 * 37)	111	111	93	111	04:00	0	01:00	2.14	2.14	89
OTHER HYDRO HP(503.75)	504	283	276	0		0		6.3	6.27	261
Total HYDEL	1,281	876	851					20	19.87	828
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	931	817	0		0		18.79	18.78	783
Total SMALL HYDRO	765	931	817					18.79	18.78	783
Total HP	2,065	1,807	1,668					38.92	38.78	1,616

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		21.36	21.36	890
OTHER HYDRO/IPP J&K(308)	308	0	0	0		0		2.65	2.65	110
Total HYDEL	1,208	0	0					24.01	24.01	1,000
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					24.01	24.01	1,000

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	3.43	143
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	396	313	460	22:00	313	01:00	8.52	7.67	320
RAJPURA(NPL) TPS(2 * 700)	1,400	1,020	660	1,290	23:59	660	03:00	20.07	19.02	793
TALWANDI SABO TPS(3 * 660)	1,980	1,249	924	1,716	22:00	924	01:00	27.12	25.2	1,050
Total THERMAL	5,680	2,810	2,042					59.64	55.21	2,301
ANANADPUR SAHIB HYDRO PLANT(2 * 33.5 + 2 * 33.5)	134	110	112	112	01:00	110	18:00	2.72	2.72	113
MUKERIAN HYDRO PLANT(6 * 15 + 6 * 19.5 + 2 * 9)	225	160	155	160	16:00	145	11:00	3.7	3.69	154
RANJIT SAGAR POWER PLANT (4 * 150)	600	600	600	600	01:00	600	01:00	14.61	14.56	607
SHANAN(4 * 15 + 1 * 50)	110	65	95	95	01:00	65	08:00	1.75	1.75	73
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	935	962					25.66	25.6	1,067
WIND	0	0	0	0		0				
BIOMASS(303)	303	0	0	0		0		1.72	1.72	72
SOLAR(881)	881	61	60	350	12:00	59	05:00	3.19	3.19	133
Total PUNJAB	8,025	3,806	3,064					90.21	85.72	3,573

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	180	222	222	01:00	145	14:00	5.24	4.61	192
CHHABRA TPS(2 * 660 + 4 * 250)	2,320	1,408	1,327	1,591	22:00	1,115	17:00	31.59	28.94	1,206
GIRAL (IPP) LTPS(2 * 125)	250	0	0	0		0				
KALISINDH TPS(2 * 600)	1,200	863	648	909	00:00	312	16:00	16.18	14.87	620
KAWAI TPS(2 * 660)	1,320	0	0	0		0				
KOTA TPS(2 * 110 + 2 * 195 + 3 * 210)	1,240	121	125	126	14:00	121	10:00	3.58	3.17	132
RAJWEST (IPP) LTPS(8 * 135)	1,080	747	560	809	00:00	548	07:00	17.3	14.87	620
SURATGARH TPS (6 * 250 + 2 * 660(SSCTPS))	2,820	506	352	519	21:00	348	08:00	9.93	9.44	393
VSLPP (IPP)(1 * 135)	135	0	0	0		0				
Total THERMAL	10,615	3,825	3,234					83.82	75.9	3,163
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	00:00	72	17:00	1.9	1.84	77
Total GAS/NAPTHA/DIESEL	601	73	74					1.9	1.84	77
RAPS-A(1 * 100 + 1 * 200)	300	178	174	178	16:00	175	06:00	4.65	4.32	180
Total NUCLEAR	300	178	174					4.65	4.32	180
TOTAL HYDRO RAJASTHAN(550)	550	278	276	314	07:00	207	16:00	5.87	5.87	245
Total HYDEL	550	278	276					5.87	5.87	245
WIND(1 * 4328)	4,328	897	723	1,492	17:00	823	10:00	26.34	26.34	1,098
BIOMASS(102)	102	37	37	37	01:00	37	06:00	0.9	0.9	38
SOLAR(4568)	4,568	0	0	3,405	11:00	0	06:00	25.95	25.95	1,081
Total RAJASTHAN	21,064	5,288	4,518					149.43	141.12	5,882

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	907	868	915	21:00	635	10:00	20.1	18.5	771
ANPARA-C TPS(2 * 600)	1,200	1,105	1,087	1,110	21:00	587	10:00	23.8	22	917
ANPARA-D TPS(2 * 500)	1,000	938	937	946	11:00	541	10:00	22.5	21	875
BAJAJ ENERGY PVT LTD (IPP) TPS(10 * 45)	450	0	0	0		0				
BARA PPGCL TPS(3 * 660)	1,980	1,696	1,690	1,710	02:00	1,007	16:00	36.4	33.7	1,404
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	163	23:59	0	01:00	0.9	0.8	33
JAWAHARPUR TPS(2*660)	1,320	0	0	0		0				
JP CHURK(3 * 60)	180	0	0	0		0				
KHURJA TPS(1 * 660)	660	656	628	689	21:20	349	09:56	13.4	12.22	509
LALITPUR TPS(3 * 660)	1,980	1,571	1,630	1,853	21:00	1,005	07:00	34.6	32.4	1,350
MEJA TPS(2 * 660)	1,320	1,235	1,048	1,249	19:00	676	06:00	23.5	22	917
OBRA TPS (5 * 200+1*660)	1,660	1,230	1,252	1,310	19:00	1,132	16:00	31.8	28.7	1,196
PANKI_I TPS(1 * 660)	660	0	0	0		0				
PARICHA TPS(2 * 210 + 2 * 250)	920	660	488	736	19:00	475	17:00	14	12.7	529
ROSA TPS(4 * 300)	1,200	955	627	1,059	19:00	586	15:00	18.8	17.2	717
TANDA TPS(4 * 110)	440	0	0	0		0				
Total THERMAL	19,190	10,953	10,255					239.8	221.22	9,218
ALAKHANANDA HEP(4 * 82.5)	330	342	343	346	08:00	341	16:00	8.2	8.2	342
RIHAND HPS(6 * 50)	300	280	280	280	01:00	280	01:00	6.6	6.6	275
VISHNUPARYAG HPS(4 * 110)	440	327	436	436	01:00	327	20:00	10.4	10.4	433
OTHER HYDRO UP(227)	227	167	184	189	01:00	127	07:00	3.9	3.9	163
Total HYDEL	1,297	1,116	1,243					29.1	29.1	1,213
WIND	0	0	0	0		0				
BIOMASS(26)	26	0	0	0		0				
SOLAR(2430)	2,642	0	0	2,040	12:00	0	01:00	15.9	15.9	663
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	12,094	11,523					285.4	266.82	11,119

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	1,125	835	1,150	01:00	729	05:00	25.3	25.22	1,051
Total HYDEL	1,250	1,125	835					25.3	25.22	1,051
WIND	0	0	0	0		0				
BIOMASS(127)	127	0	0	0		0				
SOLAR(278)	278	0	0	95	12:00	10	07:00	0.6	0.6	25
SMALL HYDRO(180)	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	1,125	835					25.9	25.82	1,076

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	991	564	998	20:30	541	15:15	14.21	15.57	14.28	0.21	595	-0.14
Sub-Total	1,500	1,411	991	564	-	-	-	-	14.21	15.57	14.28	0.21	595	-0.14
BBMB														
BHAKRA HPS(5 * 126 + 5 * 157)	1,415	1,362	1,401	1,401	1,401	20:00	1,401	09:00	32.69	33.74	33.34	0	1,389	0.65
DEHAR HPS(6 * 165)	990	480	495	480	495	20:00	480	08:00	11.48	11.88	11.6	0	483	0.12
PONG HPS(6 * 66)	396	352	360	360	360	20:00	360	08:00	8.45	8.69	8.48	0	353	0.03
Sub-Total	2,801	2,194	2,256	2,241	-	-	-	-	52.62	54.31	53.42	0	2,225	0.8
NHPC														
BAIRASIUL HPS(3 * 60)	180	124	125	0	125	19:00	0	05:15	1.29	1.45	1.43	0	60	0.14
CHAMERA I HPS(3 * 180)	540	360	360	361	361	02:00	231	01:00	7.58	7.57	7.51	0	313	-0.07
CHAMERA II HPS(3 * 100)	300	208	205	200	205	20:00	198	15:00	4.77	4.81	4.72	0	197	-0.05
CHAMERA III HPS(3 * 77)	231	152	158	134	229	02:00	77.3	15:00	3.84	3.68	3.64	0	152	-0.2
DHAULIGANGA HPS(4 * 70)	280	210	211	212	213	09:00	204.6	15:00	4.99	5.07	5.05	0	210	0.06
DULHASTI HPS(3 * 130)	390	128	133	133	133	08:00	130.1	21:00	3.08	3.18	3.13	0	130	0.05
KISHANGANGA(3 * 110)	330	336	336	332	336	20:00	0	-	7.94	8	7.97	0	332	0.03
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	710	719	723	723	03:00	718	21:00	17.1	17.3	17.12	0	713	0.02
SEWA-II HPS(3 * 40)	120	126	126	127	127	03:00	0	-	2.96	3.03	3	0	125	0.04
TANAKPUR HPS(1 * 31.42 + 2 * 31.4)	94	93	105	105	106	10:59	104.62	01:00	2.26	2.52	2.49	0	104	0.23
URI HPS(4 * 120)	480	360	344	224	402	07:00	0	12:00	4.6	4.4	4.35	0	181	-0.25
URI-II HPS(4 * 60)	240	210	224	235	239	08:00	114.76	07:00	4.52	5.09	5.04	0	210	0.52
Sub-Total	5,195	3,017	3,046	2,786	-	-	-	-	64.93	66.1	65.46	0	2,727	0.53
NPCL														
NAPS(2 * 220)	440	190	215	220	220	03:00	0	-	4.56	5.15	4.55	0	190	-0.01
RAPP-D	700	420	0	0	0	-	0	-	10.08	11.18	9.89	0	412	-0.19
RAPS-B(2 * 220)	440	348	396	409	412	01:00	0	-	8.35	9.65	8.55	0	356	0.2
RAPS-C(2 * 220)	440	406	448	449	450	08:00	0	-	9.74	10.89	9.76	0	407	0.02
Sub-Total	2,020	1,364	1,059	1,078	-	-	-	-	32.73	36.87	32.75	0	1,365	0.02
NTPC														
ANTA GPS(1 * 153.2 + 3 * 88.71)	419	384	0	0	0	-	0	-	0	0	0.01	0	0	0.01
AURAIYA GPS(2 * 109.3 + 4 * 111.19)	663	634	0	0	0	-	0	-	0	0	0.07	0	3	0.07
DADRI GPS(2 * 154.51 + 4 * 130.19)	830	800	0	0	0	-	0	-	0	0	0.04	0	2	0.04
DADRI-I TPS(4 * 210)	840	769	0	0	0	-	0	-	0.02	0	0	0	0	-0.02
DADRI-II TPS(2 * 490)	980	919	467	251	471	19:30	0	-	6.91	7.59	6.9	0	288	-0.01
KOLDAM HPS(4 * 200)	800	871	864	838	868	01:00	0	-	20.51	20.67	20.55	0	856	0.04
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	3.38	1.79	1.79	0	75	-1.59
RIHAND-I STPS(2 * 500)	1,000	450	488	468	500	21:00	277	11:00	8.97	9.78	8.8	-0.02	367	-0.15
RIHAND-II STPS(2 * 500)	1,000	943	996	965	1,021	01:00	551	11:00	18.84	19.96	18.66	-0.09	778	-0.09
RIHAND-III STPS(2 * 500)	1,000	943	953	949	1,015	22:00	923	12:00	18.82	19.82	18.65	-0.09	777	-0.08
SINGRAULI HYDRO(1 * 8)	8	0	0	0	0	-	0	-	0	-	-	-	-	-
SINGRAULI STPS(2 * 500 + 5 * 200)	2,000	1,380	1,497	1,505	1,505	03:00	868	11:00	27.23	29.91	26.86	0	1,119	-0.37
TANDA TPS STAGE-II(2 * 660)	1,320	1,244	1,240	1,199	1,240	20:00	0	-	23.47	24.85	23.15	0	965	-0.32
UNCHAHAH II TPS(2 * 210)	420	180	194	126	210	21:00	123	07:30	3.05	3.57	2.84	-0.01	118	-0.2
UNCHAHAH III TPS(1 * 210)	210	0	0	0	0	-	0	-	0	0	0	0	0	0
UNCHAHAH IV TPS(1 * 500)	500	466	475	473	488	21:00	289	14:00	8.07	8.96	8.35	0.11	348	0.17
UNCHAHAH TPS(2 * 210)	420	185	195	122	202	22:00	122	06:30	2.86	3.39	2.82	0	118	-0.04
Sub-Total	12,655	10,168	7,369	6,896	-	-	-	-	142.13	150.29	139.49	-0.1	5,814	-2.54
SJVNL														
NATHPA-JHAKRI HPS(6 * 250)	1,500	1,630	1,495	1,495	1,519	08:00	1,333	15:00	34.54	34.76	34.49	-0.06	1,437	0.01
RAMPUR HEP(6 * 68.67)	412	449	417	412	431	16:00	369	15:00	9.51	9.67	9.6	0	400	0.09
Sub-Total	1,912	2,079	1,912	1,907	-	-	-	-	44.05	44.43	44.09	-0.06	1,837	0.1
THDC														
KOTESHWAR HPS(4 * 100)	400	400	406	279	406	19:00	91	11:00	5.98	6.13	6.13	0.11	255	0.04
TEHRI HPS(4 * 250)	1,000	1,072	1,080	977	1,081	18:00	0	11:00	18.1	18.25	18.16	0	757	0.06
TEHRI PSP(4 * 250)	1,000	245	249	0	249	19:00	0	-	0.2	1.12	0.17	0	7	-0.03
Sub-Total	2,400	1,717	1,735	1,256	-	-	-	-	24.28	25.5	24.46	0.11	1,019	0.07

Total	28,483	21,950	18,368	16,728					374.95	393.07	373.95	0.16	15,582	-1.16
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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	1,045	1,045	1,045	05:00	1,045	16:00	24.71	24.95	24.78	1,033	0.07
SAINJ HEP(2 * 50)	100	0	0	0	0	-	0	-	0	-	-	-	-
SHREE CEMENT (IPP) TPS(2 * 150)	300	337	316	91	316	20:00	0	-	3.67	3.84	3.6	150	-0.07
SINGOLI BHATWARI HEP(3 * 33)	99	107	108	109	109	03:00	0	-	2.29	2.6	2.58	108	0.29
SORANG HYDROELECTRIC PROJECT(2 * 50)	100	80	100	100	101	02:00	0	-	2.36	2.32	2.31	96	-0.05
Sub-Total	1,906	1,650	1,569	1,345	-	-	-	-	33.03	33.71	33.27	1,387	0.24
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	357	0	0	0	0	-	0	-	2.14	1.4	1.4	58	-0.74
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	1.27	1.24	1.24	52	-0.03
ACME CHITTORGARH SOLAR ENERGY PVT LTD(1 * 250)	250	0	0	0	236	14:34	0	-	1.24	1.34	1.34	56	0.1
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	0	-	0	-	1.57	1.05	1.05	44	-0.52
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	1.87	1.83	1.83	76	-0.04
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	0	-	0	-	1.55	0.98	0.98	41	-0.57
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	0	-	0	-	1.58	0.97	0.97	40	-0.61
ACME SIKAR SOLAR PRIVATE LIMITED	53	0	0	0	0	-	0	-	1.33	1.2	1.2	50	-0.13
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	0	-	0	-	1.56	1.05	1.05	44	-0.51
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.52	0.54	0.54	23	0.02
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.5	0.45	0.45	19	-0.05
ADANI GREEN ENERGY TWENTY FOUR LIMITED	405	0	0	0	289	10:36	0	-	1.59	1.42	1.4	58	-0.19
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)(1 * 200)	200	0	0	0	209	12:09	0	-	1.21	1.3	1.3	54	0.09
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	147	12:15	0	-	0.92	0.95	0.95	40	0.03
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150)	150	0	0	0	136	12:15	0	-	0.82	0.94	0.93	39	0.11
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.25	0.22	0.22	9	-0.03
ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150)	150	0	0	0	145	10:10	0	-	0.84	0.78	0.78	33	-0.06
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	182	14:08	0	-	0.79	0.89	0.89	37	0.1
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	122	15:49	0	-	0.58	0.64	0.64	27	0.06
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	372	15:29	0	-	1.35	1.37	1.37	57	0.02
AMBUJA CEMENTS LIMITED	150	0	0	0	0	-	0	-	0.92	0.89	0.89	37	-0.03
AMP ENERGY GREEN FOUR PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.5	0.6	0.6	25	0.1
AMPLUS AGES PRIVATE LIMITED(1*100)	100	0	0	0	90	16:22	0	-	0.56	0.57	0.57	24	0.01
AURAIYA SOLAR(1 * 40)	40	0	0	0	0	-	0	-	0.18	0.18	0.18	8	0
AVAADA RJHN PRIVATE LIMITED(1*240)	240	0	0	0	251	12:16	0	-	1.37	1.5	1.5	63	0.13
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER(1 * 350)	350	0	0	0	311	14:59	0	-	1.82	1.82	1.82	76	0
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	315	14:56	0	-	1.94	1.97	1.96	82	0.02
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	276	14:48	0	-	1.62	1.64	1.64	68	0.02
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	291	14:35	0	-	1.64	1.71	1.71	71	0.07
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	270	15:20	0	-	1.3	1.27	1.27	53	-0.03
AZURE POWER FORTY THREE PRIVATE LIMITED(1 * 150 + 1 * 150 + 1 * 300)	600	0	0	0	397	14:45	0	-	2.78	2.85	2.85	119	0.07
AZURE POWER INDIA PVT LTD.(4 * 50)	200	0	0	0	186	10:30	0	-	0.98	0.74	0.74	31	-0.24
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	268	12:46	0	-	1.64	1.69	1.69	70	0.05
AZURE POWER THIRTY FOUR PRIVATE LTD(1 * 130)	130	0	0	0	136	12:45	0	-	0.77	0.87	0.87	36	0.1
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	0.87	0.99	0.99	41	0.12
CLEAN SOLAR POWER (BHADLA) PVT LTD(1 * 300)	300	0	0	0	260	10:45	0	-	1.44	1.29	1.29	54	-0.15
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	216	10:00	0	-	1.23	1.08	1.08	45	-0.15

DADRI SOLAR(5)	5	0	0	0	4	-	0	-	0.02	0.01	0.01	0	-0.01
DEVIKOT SOLAR POWER NTPC	240	0	0	0	0	-	0	-	1	0.97	0.97	40	-0.03
EDEN RENEWABLE ALMA PRIVATE LIMITED	100	0	0	0	246	15:16	0	-	1.38	1.52	1.52	63	0.14
EDEN RENEWABLE CITE PRIVATE LIMITED(1 * 300)	300	0	0	0	287	15:14	0	-	1.18	1.1	1.1	46	-0.08
FATEHGARH SOLAR PV PROJECT(1*296)	296	0	0	0	213	14:28	0	-	1.2	1.15	1.13	47	-0.07
GORBEA SOLAR PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.44	1.63	1.63	68	0.19
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	87	16:17	0	-	0.55	0.56	0.56	23	0.01
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	89	15:54	0	-	0.48	0.47	0.47	20	-0.01
JUNA RENEWABLE ENERGY PRIVATE LIMITED	168	0	0	0	0	-	0	-	1.2	1.14	1.14	48	-0.06
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	42	15:50	0	-	0.22	0.23	0.23	10	0.01
KARNISAR SOLAR PLANT NHPC LIMITED	107	0	0	0	185	15:31	0	-	0.86	1.09	1.08	45	0.22
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	250	0	0	0	0	-	0	-	1.4	1.26	1.26	53	-0.14
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	2.44	1.98	1.98	83	-0.46
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED(1 * 50)	50	0	0	0	48	13:43	0	-	0.29	0.3	0.3	13	0.01
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED(1 * 50)	50	0	0	0	47	12:19	0	-	0.25	0.3	0.3	13	0.05
M/S AZURE POWER FORTY ONE PRIVATE LIMITED(1 * 300)	300	0	0	0	227	10:00	0	-	1.44	1.35	1.35	56	-0.09
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	90	16:01	0	-	0.55	0.55	0.54	23	-0.01
MEGA SOILS RENEWABLE PRIVATE LIMITED(1 * 250)	250	0	0	0	0	-	0	-	1.09	1.02	1.02	43	-0.07
MEGA SURYAURJA PVT LTD(1*250)	250	0	0	0	0	-	0	-	1.3	1.18	1.18	49	-0.12
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.48	0.38	0.38	16	-0.1
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	158	0	0	0	0	-	0	-	0.68	0.75	0.75	31	0.07
NOKHRA SOLAR POWER NTPC	300	0	0	0	0	-	0	-	1.21	1.12	1.12	47	-0.09
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)(1 * 300)	300	0	0	0	302	14:42	0	-	1.16	1.04	1.04	43	-0.12
RENEW SURYA RAVI PVT LTD(1*300)	300	0	0	0	230	14:40	0	-	1.15	1.19	1.19	50	0.04
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	293	14:39	0	-	1	1.03	1.03	43	0.03
RENEW SOLAR POWER PVT LTD(50)	50	0	0	0	230	10:00	0	-	0.28	0.27	0.27	11	-0.01
RENEW SOLAR POWER PVT LTD. BIKANER(1 * 250)	250	0	0	0	0	-	0	-	1.09	1.28	1.28	53	0.19
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	276	15:09	0	-	0.99	1.08	1.08	45	0.09
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	301	15:13	0	-	0.9	0.97	0.97	40	0.07
RENEW SURYA JYOTI PRIVATE LIMITED	185	0	0	0	0	-	0	-	0.97	0.8	0.8	33	-0.17
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	0	-	0	-	0.98	0.87	0.87	36	-0.11
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	1.4	1.52	1.52	63	0.12
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.37	0.42	0.42	18	0.05
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	215	12:58	0	-	1.2	1.26	1.25	52	0.05
SB ENERGY FOUR PVT LTD(2 * 100)	200	0	0	0	179	15:33	0	-	1.07	0.93	0.93	39	-0.14
SB ENERGY SIX PRIVATE LIMITED(1 * 300)	300	0	0	0	301	15:03	0	-	1.54	1.29	1.29	54	-0.25
SJVN GREEN ENERGY LIMITED	242	0	0	0	425	15:19	0	-	1.76	2.6	2.6	108	0.84
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED .BKN2	168	0	0	0	0	-	0	-	0.96	0.87	0.87	36	-0.09
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	176	0	0	0	232	16:09	0	-	1.28	1.4	1.4	58	0.12
SINGRAULI SOLAR(15)	15	0	0	0	0	-	0	-	0.07	0.07	0.07	3	0
SOLZEN URJA PRIVATE LIMITED(1 * 300)	300	0	0	0	247	15:14	0	-	1.01	0.9	0.9	38	-0.11
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	87	16:15	0	-	0.12	0.52	0.52	22	0.4
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	220	13:26	0	-	1.28	1.35	1.35	56	0.07
TATA POWER RENEWABLE ENERGY LTD(1 * 300)	300	0	0	0	278	14:51	0	-	1.37	1.42	1.39	58	0.02
TATA POWER SAURYA LIMITED	110	0	0	0	92	14:45	0	-	0.51	0.54	0.54	23	0.03
THAR SURYA IPRIVATE LIMITED(1*300)	300	0	0	0	284	14:54	0	-	1.62	1.65	1.65	69	0.03
TRANSITION ENERGY SERVICES PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.32	0.34	0.34	14	0.02
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	113	15:05	0	-	0.5	0.63	0.63	26	0.13
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	53	16:11	0	-	0.27	0.31	0.31	13	0.04
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.29	0.28	0.28	12	-0.01
UNCHAHAH SOLAR(10)	10	0	0	0	6	12:00	0.126	06:30	0.04	0.04	0.04	2	0

XL XERGI POWER PRIVATE LIMITED	400	0	0	0	277	15:49	0		1.26	1.13	1.12	47	-0.14
Sub-Total	18,548	0	0	0	-	-	-	-	92.46	90.28	90.15	3,762	-2.31
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	574	10:55	0	-	2.9	2.4	2.39	100	-0.51
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	0	0	0	-	0	-	6.03	6.05	6.05	252	0.02
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	369	13:30	0	-	1.75	1.7	1.7	71	-0.05
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	36	22	78	16:00	0	-	0.79	0.97	0.97	40	0.18
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	237	-	0	-	1.2	1.01	1.01	42	-0.19
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	37	24	51	12:00	0	-	0.55	0.59	0.59	25	0.04
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	261	17:00	0	-	1.08	1.11	1.11	46	0.03
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	29	32	59	16:15	0	-	0.56	0.62	0.62	26	0.06
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	407	14:36	0	-	1.29	1.35	1.35	56	0.06
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	82	33	109	23:45	0	-	0.94	1.33	1.33	55	0.39
Sub-Total	2,846	0	184	111	-	-	-	-	17.09	17.13	17.12	713	0.03
Total	23,300	1,650	1,753	1,456					142.58	141.12	140.54	5,862	-2.04

Summary Section						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	66,474	25,888	23,330	659.76	625.26	26,058
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		3,624	1,278	171.45	171.45	11,795
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		-49	-64	1.18	1.18	43
Total Regional Availability(Gross)	118,257	49,584	42,728	1,366.58	1,312.38	59,340

Total Hydro Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	11,066	10,282	240.88	237.65	9,901
State Control Area Hydro	7,855	5,300	5,022	149.68	149.39	6,226
Total Regional Hydro	22,577	16,366	15,304	390.56	387.04	16,127

Total Renewable Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	21,639	184	111	109.2	109.06	4,550
State Control Area Renewable	13,630	1,061	873	77.85	77.83	3,244
Total Regional Renewable	35,269	1,245	984	187.05	186.89	7,794

Total Solar Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	20,773	0	0	99.64	99.5	4,152
State Control Area Solar	8,586	61	60	46.59	46.59	1,941
Total Solar	29,359	61	60	146.23	146.09	6,093

Total Wind Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	184	111	9.56	9.56	398
State Control Area Wind	4,328	897	723	26.34	26.34	1,098
Total Wind	5,194	1,081	834	35.9	35.9	1,496

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)	34	28	-	28	0	0.47	-0.47
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	0.22	0	0.22
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	0	0.65	-0.65
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	0	2.16	-2.16
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	2.38	0	2.38
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	9.92	0	9.92
10	400KV-Gorakhpur (UP)-Motihari(DMT)	386	-316	386	162	2.09	0	2.09
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	-563	-476	577	301	5.84	0	5.84

Import/Export between EAST REGION and NORTH REGION								
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	0	3.5	-3.5
13	400KV-Varanasi (PG)-Sasaram(PG)	-88	-71	168	0	2.7	0	2.7
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	7.5	0	7.5
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	0	4.2	-4.2
16	765KV-Varanasi (PG)-Gaya(PG)	-120	-175	186	1,143	0	9.55	-9.55
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	-	-	-	-	8.9	0	8.9
Sub-Total EAST REGION		-351	-1,010	1,317	1,634	39.55	20.53	19.02
Import/Export between NORTH_EAST REGION and NORTH REGION								
1	HVDC800KV-Agra (PG)-Biswanath Charialli(PG)	-	-	-	-	7.35	0	7.35
Sub-Total NORTH_EAST REGION		0	0	0	0	7.35	0	7.35
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)	27	24	-	111	0	0.63	-0.63
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	110	108	123	-	2.55	0	2.55
6	220KV-Ranpur (RS)-Bhanpura(MP)	86	81	86	-	1.84	0	1.84
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-108	-105	-303	474	0	2.56	-2.56
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	3.9	-3.9
10	400KV-RAPS C (NP)-Sujalpur	-66	9	169	870	0	7.77	-7.77
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-463	-534	0	-826	0	6.22	-6.22
13	765KV-0rai-Jabalpur	1,731	1,092	2,050	0	11.03	0	11.03
14	765KV-0rai-Satna	850	677	863	0	11.64	0	11.64
15	765KV-Agra (PG)-Gwalior(PG)	-	-	-	-	13.4	0	13.4
16	765KV-Chittorgarh-Banaskata D/C	35	-503	927	781	2.1	0	2.1
17	765KV-Phagi (RJ)-Gwalior(PG)	932	873	1,164	-1,897	0	3.42	-3.42
18	765KV-Varanasi (PG)-Vindhyachal(PG)	-2,910	-2,185	3,042	0	51.94	0	51.94
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	2,001	1,001	2,004	0	34.25	0	34.25
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	-250	-250	0	500	0	6.09	-6.09
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	2,000	2,000	2,000	0	46.92	0	46.92
Sub-Total WEST REGION		3,975	2,288	12,125	13	175.67	30.59	145.08
TOTAL IR EXCHANGE		3,624	1,278	13,442	1,647	222.57	51.12	171.45

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	89.09	18.78	0	-5.84	0	85.08	19.02	-66.06
NR-NORTH_EAST REGION	0	0	0	0	0	0	7.35	7.35
NR-WR	144.35	84.36	0	-124.07	0	101.05	145.08	44.03
Total	233.44	103.14	0	-129.91	0	186.13	171.45	-14.68

5.Inter National Exchange with Nepal [Import (+ve)/Export(-ve)] [Linkwise]

Element	Peak	Off-Peak	Maximum Interchange(MW)		Energy (MU)		Net Energy	Schedule Energy
	MW	MW	Import	Export	Import	Export	(MU)	(MU)
132KV-Tanakpur(NH)-Mahendranagar(PG)	-49	-64	68.448	25	1.19	0.01	1.18	0
132KV-Nautanwa (UP)-Mainhiya (Nepal)						0	0	0

5.Frequency Profile

RANGE(Hz)	< 49.2	< 49.7	< 49.8	< 49.9	< 50.0	>= 49.9 - <= 50.05	> 50.05 - <= 50.1	> 50.1 - <= 50.2	> 50.2	> 50.05
%	0	.69	2.88	15.03	42.56	61.71	19.12	4.1	.03	23.25

<-----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.	
50.2	14:50:10	49.61	19:09:20	49.99	0.068	0.082	50.13	49.7	38.29

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index (% of time)
					< 380	< 390	> 420	> 430	
Abdullapur(PG) - 400KV	416	01:50	408	19:05	0	0	0	0	0
Amritsar(PG) - 400KV	414	02:00	408	19:25	0	0	0	0	0
Ballabgarh(PG) - 400KV	417	05:00	402	19:05	0	0	0	0	0

Bareilly II(PG) - 400KV	417	06:55	394	19:25	0	0	0	0	0
Bareilly(UP) - 400KV	417	06:55	395	19:25	0	0	0	0	0
Baspa(HP) - 400KV	409	00:00	409	00:00	0	0	0	0	0
Bassi(PG) - 400KV	418	02:00	404	19:05	0	0	0	0	0
Bawana(DTL) - 400KV	421	07:50	409	19:05	0	0	13.89	0	13.89
Dadri HVDC(PG). - 400KV	420	05:30	405	19:05	0	0	1.74	0	1.74
Gorakhpur(PG) - 400KV	413	06:55	387	19:10	0	10.42	0	0	0
Hisar(PG) - 400KV	421	02:00	409	19:05	0	0	10.76	0	10.76
Kanpur(PG) - 400KV	416	05:10	399	19:25	0	0	0	0	0
Kashipur(UT) - 400KV	418	07:00	408	19:25	0	0	0	0	0
Kishenpur(PG) - 400KV	411	05:05	405	19:05	0	0	0	0	0
Moga(PG) - 400KV	416	02:00	411	21:55	0	0	0	0	0
Nallagarh(PG) - 400KV	409	00:00	409	00:00	0	0	0	0	0
Rihand HVDC(PG) - 400KV	409	11:15	397	19:25	0	0	0	0	0
Rihand(NT) - 400KV	408	13:30	399	19:25	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	795	13:35	782	10:05	0	0	0	0	0
Balia(PG) - 765KV	782	05:05	746	19:15	0	0	0	0	0
Bareilly II(PG) - 765KV	790	06:55	748	19:25	0	0	0	0	0
Bhiwani(PG) - 765KV	796	13:10	778	08:50	0	0	0	0	0
Fatehpur(PG) - 765KV	786	05:10	741	19:25	0	.35	0	0	0
Jhatikara(PG) - 765KV	788	05:00	767	10:05	0	0	0	0	0
Lucknow II(PG) - 765KV	794	05:10	737	19:25	0	2.08	0	0	0
Meerut(PG) - 765KV	796	16:20	765	19:05	0	0	0	0	0
Moga(PG) - 765KV	797	16:20	771	10:05	0	0	0	0	0
Phagi(RJ) - 765KV	804	16:20	777	08:35	0	0	1.04	0	1.04
Unnao(UP) - 765KV	778	16:15	742	19:25	0	.35	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	1,133.24	0	0	-2,600	0	0	0	979.05	0	-1,200	-2,296.15	0	0	0
HARYANA	2,122.66	68.33	-1,079.01	-300	0	0	0	2,051.51	15.9	-1,550	-700	0	0	0
RAJASTHAN	857.68	-20.35	-150.81	-300	0	0	0	803.88	12.49	81.44	-396.15	0	0	0
DELHI	835.15	0.77	-14	291.35	0	0	0	826.25	6.46	197.2	30.11	0	0	0
UTTAR PRADESH	224.41	28.71	536.75	786.67	0	0	0	1,897.76	362.13	2,769.04	849.76	0	0	0
UTTARAKHA ..	-245	-16.2	72.66	173.47	0	0	0	-245	-16.2	183.01	-90.44	0	0	0
HIMACHAL PRADESH	-16.82	-63.4	0.72	68.32	0	0	0	-17.94	-63.3	1.93	151.99	0	0	0
J&K(UT) & LADAKH(UT)	-300	0	-300	-856.3	0	0	0	-426	-48.3	-14.4	0	0	0	0
CHANDIGARH	48.92	0	-175	-8	0	0	0	77.5	0	-160	-8	0	0	0
RAILWAYS_NRISTS	31.6	0	59.75	0	0	0	0	31.6	59.75	0	0	0	0	0
TOTAL	4,691.84	-2.14	-1,048.94	-2,744.49	0	0	0	5,978.61	328.93	308.22	-2,458.88	0	0	0

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	118.33	30.55	0	-7.6	-58.55	82.73
HARYANA	134.85	53.64	0.82	-30.65	-24.83	133.83
RAJASTHAN	87.06	17.82	-0.61	-0.2	-15.31	88.76
DELHI	82.48	19.05	0.17	2.81	5.02	109.53
UTTAR PRADESH	181.52	11.49	2.11	21.05	14.6	231.54
UTTARAKHAND	24.49	-5.6	-0.24	0.34	0.31	19.3
HIMACHAL PRADESH	-5.98	-1.88	-0.9	-0.32	2.45	-6.63
J&K(UT) & LADAKH(UT)	39.69	-3.96	-0.21	-4.3	-11.66	19.56
CHANDIGARH	7.27	0.87	0	-3.32	0.06	4.88
RAILWAYS_NR ISTS	1.97	0.76	0.15	0.9	0.02	3.8
TOTAL	671.68	122.74	1.29	-21.29	-87.89	687.3

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	5,382.12	4,476.03	1,707.45	979.05	0	0	0	0
HARYANA	6,391.87	4,980.03	2,583.64	2,051.49	76.71	0	3.08	0
RAJASTHAN	4,558.41	2,597.17	930.92	536.36	13.5	-46.01	0	0
DELHI	3,788.53	3,058.15	969.85	568.2	118.34	0	0	0
UTTAR PRADESH	9,166.66	5,904.55	1,898.19	-64.7	362.13	-0.21	3.85	0
UTTARAKHAND	1,176.84	835.4	-211.27	-245	-2.49	-19.2	0	0
HIMACHAL PRADESH	196.98	-585.16	-4.77	-256.6	26.77	-63.4	0	0
J&K(UT) & Ladakh(UT)	1,794.4	1,586.1	0	-426	0	-48.3	0	0
CHANDIGARH	337.38	246.85	77.5	0	0	0	0	0
RAILWAYS_NR ISTS	97.06	76.26	31.6	31.6	59.75	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	-2,000	0	0	-1,200	-3,100	0	0
HARYANA	-566.06	-2,022.95	0	0	0	-2,525	0	0
RAJASTHAN	149.71	-942.15	0	0	0	-2,014.3	0	0
DELHI	725.5	-431.7	0	0	599.9	-47	0	0
UTTAR PRADESH	2,852.28	-828.64	0	0	1,449.72	106.85	0	0
UTTARAKHAND	240.92	-392.42	0	0	288.34	-330.08	0	0
HIMACHAL PRADESH	10.12	-55.58	0	0	433.44	-159.24	0	0
J&K(UT) & LADAKH(UT)	-14.4	-314.4	0	0	134.92	-934.2	0	0
CHANDIGARH	0	-205	0	0	55.89	-24	0	0
RAILWAYS_NR ISTS	59.75	0	0	0	59.75	0	0	0

8.Major Reservoir Particulars

RESERVOIR	Parameters			Present Parameters		LAST YEAR		LAST DAY	
	MDDL (Mts)	FRL (Mts)	Energy Content at FRL	Level (Mts)	Energy (MU)	Level (Mts)	Energy (MU)	Inflow (m3/s)	Usage (m3/s)
Bhakra	445.62	513.59	1,728.8	511.3	1,605	500.95	1,140	1,587.36	1,022.92
Chamera-I	748.75	760	753.95	756.63	8	-	-	559.05	204.9
Gandhisagar	381	399.9	725	-	-	-	-	-	0
Jawahar Sagar	295.96	298.7	2.01	-	-	-	-	-	0
Koteshwar	598.5	612.5	610.73	611.8	5	610.85	5	392	404.65
Pong	384.05	426.72	1,084	424.19	1,098	415.72	706	30.91	480.37
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	524.61	361	501.69	125	899.83	563.68
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	826.66	1,094	826.59	1,092	565.02	392
TOTAL	-	-	-	-	4,171	-	3,068	4,034.17	3,068.52

9. System Reliability Indices(Violation of TTC and ATC):

(i)%age of times N-1 Criteria was violated in the inter and intra regional corridors

WR	0
ER	0
Simultaneous	0
Delhi	0
Rajasthan	0
UP	0
Punjab	0
Haryana	0

ii)%age of times ATC violated on the inter and intra regional corridors

WR	0
ER	0
Simultaneous	0
Delhi	0
Rajasthan	0
UP	0
Punjab	0

Haryana	0
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iii)%age of times Angular Difference on Important Buses was beyond permissible limits(40 deg.)

Rihand-Dadri	0
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10. Zero Crossing Violations

State	No. of violations(Maximum 15 in a day)	Maximum number of continuous blocks without sign change
CHANDIGARH	0	6
DELHI	7	17
HARYANA	12	42
HIMACHAL PRADESH	3	10
J&K(UT) & Ladakh(UT)	3	16
PUNJAB	6	19
RAJASTHAN	12	46
UTTAR PRADESH	1	9
UTTARAKHAND	5	16

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

	Inst Capacity	20:00	03:00	Day Peak			
Station/Constituents	(MW)	Peak MW	Off Peak MW	MW	HRS	Net MU	AVG MW
NCR_GENERATION	9225	2,570	1,923	2586	19:30:00	49.57	2,066
NCR_DRAWAL	-	13,638	12,270	14166	21:15:00	296.72	12,363
NCR_DEMAND	-	16,208	14,193	16717	21:15:00	346.28	14,428
LADAKH_DEMAND	-	16	-9	19	19:15:00	0.01	1

12. RE/Load Curtailment details

State	Load Curtailment (Shortage)			RE Curtailment				
	Energy	Maximum	At the time of maximum demand	Wind		Solar		Reason
	MU	MW	MW	Max MW	Energy(MU)	Max MW	Energy(MU)	
CHANDIGARH	0	0	0	0	0	0	0	
DELHI	0	0	0	0	0	0	0	
HARYANA	0	0	0	0	0	0	0	
HIMACHAL PRADESH	0	0	0	0	0	0	0	
J&K(UT) & Ladakh(UT)	0	0	0	0	0	0	0	
PUNJAB	0	0	0	0	0	0	0	
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	
RAJASTHAN	0	0	0	0	0	0	0	
UTTAR PRADESH	0	0	0	0	0	0	0	
UTTARAKHAND	0	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