



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

Power Supply Position in Northern Region For 10-Sep-2025

Date of Reporting:11-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
73,159	295	73,454	50.07	61,668	0	61,668	50	1,558	1.1

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	86.49	23.55	0	5.37	0	1.72	117.13	117.34	114.83	-2.51	231.96	0	231.96
HARYANA	59.47	0.95	1.18	1.21	0	0.92	63.72	159.45	157.43	-2.02	221.15	0	221.15
RAJASTHAN	128.73	2.26	1.83	37.28	7.67	4.31	182.08	88.77	84.01	-4.76	266.09	0	266.09
DELHI	0	0	4.18	0	0	1.68	5.86	130.74	129.63	-1.11	135.49	0	135.49
UTTAR PRADESH	285.41	29.8	0	15.2	0	0.6	331.01	225.36	223.88	-1.48	554.89	0	554.89
UTTARAKHAND	0	26.91	1.22	0.47	0	0	28.6	21.83	22.66	0.83	52.36	1.1	51.26
HIMACHAL PRADESH	0	41.45	0	0.13	0	0	41.57	-5.02	-5.29	-0.27	36.28	0	36.28
J&K(UT) & Ladakh(UT)	0	24.34	0	0	0	0	24.34	25.43	25.82	0.39	50.16	0	50.16
CHANDIGARH	0	0	0	0	0	0	0	6.29	6.5	0.21	6.5	0	6.5
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.72	4.15	0.43	4.15	0	4.15
Region	560.1	149.26	8.41	59.66	7.67	9.23	794.31	773.91	763.62	-10.29	1,559.03	1.1	1,557.93

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	9,641	0	-291	-367	9,585	8,216	0	-136	-1,017
HARYANA	10,665	0	-294	1,222	9,317	8,824	0	184	602
RAJASTHAN	12,430	0	-298	732	11,307	10,285	0	-90	43
DELHI	5,921	0	-29	1,208	5,645	5,031	0	125	914
UTTAR PRADESH	27,856	0	-348	2,599	23,279	24,185	0	-98	901
UTTARAKHAND	2,239	295	108	-172	2,137	2,005	0	76	-94
HIMACHAL PRADESH	1,544	0	24	-194	1,508	1,261	0	-40	-272
J&K(UT) & Ladakh(UT)	2,355	0	39	-401	2,090	1,455	0	116	-1,244
CHANDIGARH	312	0	18	-13	271	212	0	14	-88
RAILWAYS_NR ISTS	196	0	74	44	173	193	0	24	92
Region	73,159	295	-997	4,658	65,312	61,667	0	175	-163

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	10,731	16:00	0	10,731	10,731	16:00	0	10,731	8,216	3:00	-	-	-	-
HARYANA	10,737	21:00	0	10,737	10,737	21:00	0	10,737	7,985	7:00	-	-	-	-
RAJASTHAN	12,518	22:00	0	12,518	12,518	22:00	0	12,518	10,184	4:00	-	-	-	-
DELHI	6,487	15:00	0	6,487	6,487	15:00	0	6,487	4,576	5:00	-	-	-	-
UP	28,309	22:00	0	28,309	28,309	22:00	0	28,309	18,481	7:00	-	-	-	-
UTTARAKHA ..	2,407	18:00	155	2,562	2,562	18:00	155	2,407	1,894	11:00	-	-	-	-
HP	1,780	7:00	0	1,780	1,780	7:00	0	1,780	1,228	4:00	-	-	-	-
J&K(UT)&Lad ..	2,394	11:00	0	2,394	2,394	11:00	0	2,394	1,455	3:00	-	-	-	-
CHANDIGARH	324	15:00	0	324	324	15:00	0	324	206	4:00	-	-	-	-
RAILWAYS_NR ISTS	208	1:00	0	208	208	1:00	0	208	111	13:00	-	-	-	-
NR	73,985	22:00	0	73,985	73,985	22:00	0	73,985	58,002	7:00	-	-	-	-

3(A) State Entities Generation:

CHANDIGARH										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
NIL										
Total	0	0	0					0	0	0
Total	0	0	0					0	0	0

DELHI										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
BAWANA GPS(2 * 253 + 4 * 216)	1,370	-2	-3	-1.81		0		0	-0.05	-2
DELHI GAS TURBINES(3 * 34 + 6 * 30)	282	33	34	34.41		0		0.82	0.76	32
PRAGATI GAS TURBINES(1 * 121.2 + 2 * 104.6)	331	145	146	146.7		0		3.56	3.47	145
RITHALA GPS(3 * 36)	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	176	177					4.38	4.18	175
WIND	0	0	0	0		0				
BIOMASS(52)	52	69	71	0		0		1.7	1.68	70
SOLAR(2)	2	0	0	0		0				
Total DELHI	2,145	245	248					6.08	5.86	245

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	493	350	519	19:00	340	13:00	10.13	9.19	383
JHAJJAR(CLP)(2 * 660)	1,320	1,094	958	1,214	01:00	733	14:00	24	22.43	935
MAGNUM DIESEL (IPP)(4 * 6.3)	25	0	0	0		0				
PANIPAT TPS(1 * 210 + 2 * 250)	710	455	365	455	20:00	356	14:00	10.04	9.11	380
RGTPP(KHEDAR)(2 * 600)	1,200	927	722	934	22:00	709	09:00	19.32	18.74	781
Total THERMAL	3,855	2,969	2,395					63.49	59.47	2,479
FARIDABAD GPS(1 * 156.07 + 2 * 137.75)	432	167	0	167	20:00	0	15:00	1.18	1.18	49
Total GAS/NAPTHA/DIESEL	432	167	0					1.18	1.18	49
TOTAL HYDRO HARYANA(64.8)	65	44	39	44	20:00	29	17:00	0.95	0.95	40
Total HYDEL	65	44	39					0.95	0.95	40
WIND	0	0	0	0		0				
BIOMASS(106)	106	0	0	0		0		0.92	0.92	38
SOLAR(196)	196	0	0	0		0		1.21	1.21	50
Total HARYANA	4,654	3,180	2,434					67.75	63.73	2,656

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	104	181	20:00	102	08:00	2.97	2.97	124
BASPA (IPP) HPS(3 * 100)	300	302	302	302	01:00	302	06:00	7.24	7.24	302
MALANA (IPP) HPS(2 * 43)	86	0	0	0	01:00	0	06:00	0	0	0
MALANA2(2 * 50)	100	0	0	0		0				
SAWARA KUDDU(3 * 37)	111	111	111	111	01:00	111	06:00	2.66	2.66	111
OTHER HYDRO HP(503.75)	504	415	377	0		0		8.77	8.74	364
Total HYDEL	1,281	1,009	894					21.64	21.61	901
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	1,023	841	0		0		19.85	19.83	826
Total SMALL HYDRO	765	1,023	841					19.85	19.83	826
Total HP	2,065	2,032	1,735					41.62	41.57	1,732

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		2.98	2.98	124
Total HYDEL	1,208	0	0					24.34	24.34	1,014
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					24.34	24.34	1,014

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	420	290	420	19:00	290	03:00	8.97	8.07	336
GURU GOBIND SINGH TPS (ROPAR)(4 * 210)	840	261	137	284	23:00	133	05:00	4.93	4.09	170
GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)(2 * 210 + 2 * 250)	920	731	504	773	23:45	444	10:00	14.41	12.93	539
RAJPURA(NPL) TPS(2 * 700)	1,400	1,320	1,320	1,320	01:00	660	10:00	28.98	27.7	1,154
TALWANDI SABO TPS(3 * 660)	1,980	1,841	1,413	1,841	19:00	924	05:00	36.13	33.7	1,404
Total THERMAL	5,680	4,573	3,664					93.42	86.49	3,603
ANANADPUR SAHIB HYDRO PLANT(2 * 33.5 + 2 * 33.5)	134	109	111	111	02:00	109	07:00	2.66	2.66	111
MUKERIAN HYDRO PLANT(6 * 15 + 6 * 19.5 + 2 * 9)	225	144	164	171	09:00	144	20:00	3.81	3.81	159
RANJIT SAGAR POWER PLANT (4 * 150)	600	600	600	600	01:00	240	16:00	12.79	12.75	531
SHANAN(4 * 15 + 1 * 50)	110	80	80	80	01:00	30	04:00	1.46	1.46	61
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	933	955					23.6	23.56	982
WIND	0	0	0	0		0				
BIOMASS(303)	303	0	0	0		0		1.72	1.72	72
SOLAR(881)	881	59	60	542	13:00	59	01:00	5.37	5.37	224
Total PUNJAB	8,025	5,565	4,679					124.11	117.14	4,881

RAJASTHAN										
Station/Constituents	Inst. Capacity	20:00	03:00	Day Peak		Min Generation (06:00-18:00)		Day Energy		AVG. MW
	(MW)	Peak MW	Off Peak MW	(MW)	Hrs	(MW)	Hrs	Gross Gen(MU)	Net Gen(MU)	
BARSINGSAR (IPP) LTPS(2 * 125)	250	220	221	225	09:00	221	15:00	5.91	5.22	218
CHHABRA TPS(2 * 660 + 4 * 250)	2,320	1,677	1,553	1,678	22:00	1,133	13:00	38.32	35.5	1,479
GIRAL (IPP) LTPS(2 * 125)	250	0	0	0		0				
KALISINDH TPS(2 * 600)	1,200	1,058	1,042	1,058	20:00	630	11:00	22.75	21.08	878
KAWAI TPS(2 * 660)	1,320	613	528	615	22:00	358	15:00	11.83	11.08	462
KOTA TPS(2 * 110 + 2 * 195 + 3 * 210)	1,240	715	561	742	23:00	581	06:00	17.24	14.98	624
RAJWEST (IPP) LTPS(8 * 135)	1,080	705	820	821	06:00	629	14:00	19.59	17.08	712
SURATGARH TPS (6 * 250 + 2 * 660(SSCTPS))	2,820	1,270	973	1,497	00:00	700	09:00	25.96	23.79	991
VSLPP (IPP)(1 * 135)	135	0	0	0		0				
Total THERMAL	10,615	6,258	5,698					141.6	128.73	5,364
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	05:00	72	18:00	1.9	1.83	76
Total GAS/NAPTHA/DIESEL	601	73	74					1.9	1.83	76
RAPS-A(1 * 100 + 1 * 200)	300	175	175	179	11:00	174	17:00	4.62	4.31	180
Total NUCLEAR	300	175	175					4.62	4.31	180
TOTAL HYDRO RAJASTHAN(550)	550	170	126	170	20:00	86	14:00	2.57	2.26	94
Total HYDEL	550	170	126					2.57	2.26	94
WIND(1 * 4328)	4,328	521	272	953	22:00	74	09:00	7.67	7.67	320
BIOMASS(102)	102	0	0	0		0				
SOLAR(4568)	4,568	0	0	4,663	12:00	0	06:00	37.28	37.28	1,553
Total RAJASTHAN	21,064	7,197	6,345					195.64	182.08	7,587

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	1,133	891	1,256	23:59	634	08:00	22.2	20.5	854
ANPARA-C TPS(2 * 600)	1,200	1,101	1,096	1,110	05:00	569	13:00	24.9	23.1	963
ANPARA-D TPS(2 * 500)	1,000	930	929	946	19:00	548	09:00	22.1	20.7	863
BAJAJ ENERGY PVT LTD (IPP) TPS(10 * 45)	450	406	226	406	19:00	226	02:00	7	6.3	263
BARA PPGCL TPS(3 * 660)	1,980	1,732	1,722	1,732	20:00	1,015	14:00	37.8	35	1,458
GHATAMPUR TPS (1*660)	660	570	565	570	20:00	306	15:00	11.7	10.6	442
HARDUAGANJ TPS(1 * 110 + 2 * 250 + 1*660)	1,270	1,040	464	1,055	23:00	461	04:00	17.9	16.1	671
INFIRM POWER	660	250	193	311	18:00	0	23:00	5.7	5.2	217
JAWAHARPUR TPS(2*660)	1,320	544	357	4,368	19:00	0	22:00	8.9	8	333
JP CHURK(3 * 60)	180	0	0	0		0				
KHURJA TPS(1 * 660)	660	644	646	687	02:36	460	13:08	15.07	14.01	584
LALITPUR TPS(3 * 660)	1,980	1,840	1,842	1,847	19:00	1,012	15:00	37.1	34.8	1,450
MEJA TPS(2 * 660)	1,320	1,199	1,238	1,238	03:00	652	08:00	25.8	24.2	1,008
OBRA TPS(5 * 200+1*660)	1,660	1,135	1,162	1,208	23:59	1,108	19:00	30	27.1	1,129
PANKI_I TPS(1 * 660)	660	370	0	496	22:00	0	01:00	7.9	7.1	296
PARICHA TPS(2 * 210 + 2 * 250)	920	754	592	754	20:00	475	09:00	14.6	13.3	554
ROSA TPS(4 * 300)	1,200	1,084	1,094	1,094	03:00	581	16:00	21.2	19.4	808
TANDA TPS(4 * 110)	440	0	0	0		0				
Total THERMAL	19,190	14,732	13,017					309.87	285.41	11,893
ALAKHANANDA HEP(4 * 82.5)	330	355	354	356	11:00	353	05:00	8.5	8.5	354
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	179	182	188	02:00	140	12:00	4.1	4.1	171
Total HYDEL	1,297	1,250	1,252					29.8	29.8	1,242
WIND	0	0	0	0		0				
BIOMASS(26)	26	0	0	0		0				
SOLAR(2430)	2,642	0	0	2,084	11:00	0	01:00	15.2	15.2	633
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	16,007	14,294					355.47	331.01	13,793

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	95	47	95	19:00	45	23:00	1.27	1.22	51
SARAVANTI	450	0	0	0		0				
Total GAS/NAPTHA/DIESEL	675	95	47					1.27	1.22	51
OTHER HYDRO UK(1250)	1,250	1,118	1,126	1,128	04:00	1,113	10:00	26.99	26.91	1,121
Total HYDEL	1,250	1,118	1,126					26.99	26.91	1,121
WIND	0	0	0	0		0				
BIOMASS(127)	127	0	0	0		0				
SOLAR(278)	278	0	0	75	13:00	5	07:00	0.47	0.47	20
SMALL HYDRO(180)	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	1,213	1,173					28.73	28.6	1,192

(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	1,459	868	1,505	19:30	821	13:15	23.48	25.29	23.5	0.1	979	-0.08
Sub-Total	1,500	1,411	1,459	868	-	-	-	-	23.48	25.29	23.5	0.1	979	-0.08
BBMB														
BHAKRA HPS(5 * 126 + 5 * 157)	1,415	1,362	1,402	1,402	1,402	20:00	1,243	13:00	31.66	32.57	32.15	0	1,340	0.49
DEHAR HPS(6 * 165)	990	320	495	495	495	20:00	495	13:00	10.88	11.28	11.05	0	460	0.17
PONG HPS(6 * 66)	396	352	360	360	360	20:00	360	13:00	8.45	8.67	8.46	0	353	0.01
Sub-Total	2,801	2,034	2,257	2,257	-	-	-	-	50.99	52.52	51.66	0	2,153	0.67
NHPC														
BAIRASIUL HPS(3 * 60)	180	124	123	124	186	23:45	111.52	13:15	2.98	3.14	3.11	0	130	0.13
CHAMERA I HPS(3 * 180)	540	360	361	235	366	09:00	233	21:00	7.16	7.26	7.15	0	298	-0.01
CHAMERA II HPS(3 * 100)	300	208	202	201	204	19:00	198.3	04:00	4.77	4.81	4.78	0	199	0.01
CHAMERA III HPS(3 * 77)	231	240	226	153	230	19:00	69.7	14:00	3.34	3.06	3.02	0	126	-0.32
DHAULIGANGA HPS(4 * 70)	280	260	255	252	257	12:00	246.7	14:00	6.03	6.08	6.06	0	253	0.03
DULHASTI HPS(3 * 130)	390	128	131	132	134	19:00	128.3	14:00	3.08	3.15	3.1	0	129	0.02
KISHANGANGA(3 * 110)	330	336	337	221	337	20:00	217.4	14:00	5.8	5.89	5.85	0	244	0.05
PARBATI III HEP(4 * 130)	520	200	197	138	203	08:00	0	-	3.62	3.79	3.75	0	156	0.13
PARBATI-II(4 * 200)	800	0	0	0	0	-	0	-	0	0	0.01	0	0	0.01
SALAL HPS(6 * 115)	690	710	719	719	720	14:00	718	23:00	17.03	17.24	17.06	0	711	0.03
SEWA-II HPS(3 * 40)	120	126	126	125	127	12:00	124.23	01:00	2.96	3.04	3.01	0	125	0.05
TANAKPUR HPS(1 * 31.42 + 2 * 31.4)	94	93	106	107	107	03:00	104.8	06:00	2.26	2.55	2.52	0	105	0.26
URI HPS(4 * 120)	480	350	222	223	461	18:30	44.4	10:00	7.08	7.22	7.16	0	298	0.08
URI-II HPS(4 * 60)	240	220	234	232	235	19:00	232.33	04:00	5.27	5.61	5.57	0	232	0.3
Sub-Total	5,195	3,355	3,239	2,862	-	-	-	-	71.38	72.84	72.15	0	3,006	0.77
NPCL														
NAPS(2 * 220)	440	188	209	213	216	05:00	209	20:00	4.51	5.09	4.49	0	187	-0.02
RAPP-D	700	419	0	0	0	-	0	-	10.06	11.84	10.53	0	439	0.47
RAPS-B(2 * 220)	440	354	393	400	405	04:00	390	14:00	8.5	9.58	8.47	0	353	-0.03
RAPS-C(2 * 220)	440	407	447	449	449	01:00	447	16:00	9.77	10.87	9.79	0	408	0.02
Sub-Total	2,020	1,368	1,049	1,062	-	-	-	-	32.84	37.38	33.28	0	1,387	0.44
NTPC														
ANTA GPS(1 * 153.2 + 3 * 88.71)	419	384	368	150	369	19:59	0	-	4.71	4.85	4.65	0	194	-0.06
AURAIYA GPS(2 * 109.3 + 4 * 111.19)	663	636	566	185	571	19:00	0	-	6.39	6.29	6.09	0	254	-0.3
DADRI GPS(2 * 154.51 + 4 * 130.19)	830	725	0	0	0	-	0	-	8.43	8.43	8.03	0	335	-0.4
DADRI-I TPS(4 * 210)	840	769	736	426	755	19:15	0	-	11.89	13.47	12.18	0	508	0.29
DADRI-II TPS(2 * 490)	980	919	868	531	929	19:15	0	-	14.93	16.37	15.1	0	629	0.17
KOLDAM HPS(4 * 200)	800	871	867	855	870	11:00	0	-	20.51	20.82	20.7	0	863	0.19
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	3.66	3.51	3.51	0	146	-0.15
RIHAND-I STPS(2 * 500)	1,000	450	497	501	501	03:00	269	14:00	9.91	10.56	9.57	-0.07	399	-0.27
RIHAND-II STPS(2 * 500)	1,000	943	1,000	1,013	1,013	03:00	543	13:00	20.78	21.48	20.08	-0.11	837	-0.59
RIHAND-III STPS(2 * 500)	1,000	943	991	1,005	1,005	03:00	538	14:00	20.72	21.33	20.14	-0.14	839	-0.44
SINGRAULI HYDRO(1 * 8)	8	0	0	0	0	-	0	-	0	-	-	-	-	-
SINGRAULI STPS(2 * 500 + 5 * 200)	2,000	1,389	1,508	1,513	1,513	03:00	928	11:00	30.11	32.53	29.54	0	1,231	-0.57
TANDA TPS STAGE-II(2 * 660)	1,320	1,244	1,225	1,241	1,255	23:45	668	15:15	24.35	25.98	24.38	0	1,016	0.03
UNCHAHAH II TPS(2 * 210)	420	375	410	279	410	20:00	237	13:00	6.52	7.43	6.58	0.01	274	0.05
UNCHAHAH III TPS(1 * 210)	210	189	196	128	196	06:00	117	14:00	3.24	3.59	3.23	0	135	-0.01
UNCHAHAH IV TPS(1 * 500)	500	440	429	485	489	07:00	271	09:30	8.93	9.39	8.78	0.05	366	-0.2
UNCHAHAH TPS(2 * 210)	420	350	391	257	391	20:00	236	15:00	6.31	7.11	6.31	0	263	0
Sub-Total	12,655	10,627	10,052	8,569	-	-	-	-	201.39	213.14	198.87	-0.26	8,289	-2.26
SJVNL														
NATHPA-JHAKRI HPS(6 * 250)	1,500	1,630	1,493	1,485	1,508	19:00	1,446	13:00	35.57	35.84	35.55	0	1,481	-0.02
RAMPUR HEP(6 * 68.67)	412	449	414	418	421	16:00	405	14:00	9.79	10.03	9.96	0	415	0.17
Sub-Total	1,912	2,079	1,907	1,903	-	-	-	-	45.36	45.87	45.51	0	1,896	0.15
THDC														
KOTESHWAR HPS(4 * 100)	400	400	395	191	402	19:00	97	11:00	4.62	4.84	4.83	0.21	201	0
TEHRI HPS(4 * 250)	1,000	1,072	1,055	736	1,083	19:00	0	09:00	14.27	14.41	14.32	-0.01	597	0.06
TEHRI PSP(4 * 250)	1,000	250	255	0	255	19:00	0	-	0.25	1.46	0.13	0	5	-0.12
Sub-Total	2,400	1,722	1,705	927	-	-	-	-	19.14	20.71	19.28	0.2	803	-0.06

Total	28,483	22,596	21,668	18,448					444.58	467.75	444.25	0.04	18,513	-0.37
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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	0.01	0	0	0
BUDHIL HPS (IPP)(2 * 35)	70	0	38	0	38	20:00	35	15:00	0.31	0.35	0.31	13	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	25.07	24.87	1,036	0.09
SAINJ HEP(2 * 50)	100	0	0	0	0	-	0	-	0	-	-	-	-
SHREE CEMENT (IPP) TPS(2 * 150)	300	337	344	91	344	20:00	0	-	3.97	4.2	3.92	163	-0.05
SINGOLI BHATWARI HEP(3 * 33)	99	107	108	108	108	20:00	0	-	2.3	2.6	2.58	108	0.28
SORANG HYDROELECTRIC PROJECT(2 * 50)	100	85	101	90	101	20:00	0	-	2.13	2.13	2.12	88	-0.01
Sub-Total	1,906	1,655	1,636	1,334	-	-	-	-	33.49	34.36	33.8	1,408	0.31
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	357	0	0	0	0	-	0	-	2.75	1.99	1.99	83	-0.76
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	1.66	1.46	1.46	61	-0.2
ACME CHITTORGARH SOLAR ENERGY PVT LTD(1 * 250)	250	0	0	0	211	13:49	0	-	1.51	1.42	1.42	59	-0.09
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	313	13:45	0	-	2.09	2.08	2.07	86	-0.02
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	2.15	1.44	1.44	60	-0.71
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	316	11:58	0	-	2.1	2.05	2.04	85	-0.06
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	313	13:04	0	-	2.06	1.81	1.8	75	-0.26
ACME SIKAR SOLAR PRIVATE LIMITED	53	0	0	0	0	-	0	-	1.4	1.39	1.39	58	-0.01
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	314	13:44	0	-	2.11	2.05	2.05	85	-0.06
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.63	0.62	0.62	26	-0.01
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.62	0.64	0.64	27	0.02
ADANI GREEN ENERGY TWENTY FOUR LIMITED	405	0	0	0	395	15:11	0	-	2.59	2.68	2.66	111	0.07
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)(1 * 200)	200	0	0	0	193	12:25	0	-	1.27	1.26	1.26	53	-0.01
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	155	11:15	0	-	1.13	1.09	1.09	45	-0.04
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150)	150	0	0	0	142	11:30	0	-	1.02	1.06	1.05	44	0.03
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.28	0.28	0.28	12	0
ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150)	150	0	0	0	148	12:25	0	-	1.06	0.95	0.95	40	-0.11
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	168	12:21	0	-	1.46	1.36	1.35	56	-0.11
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	111	15:20	0	-	0.72	0.61	0.61	25	-0.11
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	385	13:11	0	-	2.77	2.71	2.7	113	-0.07
AMBUJA CEMENTS LIMITED	150	0	0	0	0	-	0	-	1.04	1.03	1.03	43	-0.01
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	90	09:30	0	-	0.58	0.56	0.55	23	-0.03
AURAIYA SOLAR(1 * 40)	40	0	0	0	0	-	0	-	0.2	0.23	0.23	10	0.03
AVAADA RJHN PRIVATE LIMITED(1*240)	240	0	0	0	248	12:12	0	-	1.7	1.68	1.68	70	-0.02
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER(1 * 350)	350	0	0	0	361	12:19	0	-	2.48	2.49	2.49	104	0.01
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	328	12:38	0	-	2.29	2.21	2.2	92	-0.09
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	316	11:38	0	-	2.23	2.16	2.16	90	-0.07
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	301	12:37	0	-	2.22	2.19	2.19	91	-0.03
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	245	09:51	0	-	1.61	1.46	1.46	61	-0.15
AZURE POWER FORTY THREE PRIVATE LIMITED(1 * 150 + 1 * 150 + 1 * 300)	600	0	0	0	453	12:15	0	-	3.62	3.48	3.48	145	-0.14
AZURE POWER INDIA PVT LTD.(4 * 50)	200	0	0	0	187	12:09	0	-	1.1	1.22	1.22	51	0.12
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	267	12:32	0	-	1.77	1.82	1.82	76	0.05
AZURE POWER THIRTY FOUR PRIVATE LTD(1 * 130)	130	0	0	0	132	10:40	0	-	0.82	0.85	0.85	35	0.03
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	1.01	0.86	0.86	36	-0.15
CLEAN SOLAR POWER (BHADLA) PVT LTD(1 * 300)	300	0	0	0	300	14:13	0	-	2.01	1.92	1.92	80	-0.09
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	245	12:03	0	-	1.71	1.74	1.73	72	0.02

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	-	1.34	1.22	1.22	51	-0.12
EDEN RENEWABLE ALMA PRIVATE LIMITED	100	0	0	0	243	15:16	0	-	1.59	1.49	1.48	62	-0.11
EDEN RENEWABLE CITE PRIVATE LIMITED(1 * 300)	300	0	0	0	304	13:09	0	-	2.04	1.97	1.97	82	-0.07
FATEHGARH SOLAR PV PROJECT(1*296)	296	0	0	0	0	-	0	-	1.99	1.97	1.97	82	-0.02
GORBEA SOLAR PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.61	1.74	1.74	73	0.13
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	88	09:31	0	-	0.6	0.55	0.55	23	-0.05
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	84	15:22	0	-	0.53	0.5	0.5	21	-0.03
JUNA RENEWABLE ENERGY PRIVATE LIMITED	168	0	0	0	0	-	0	-	1.39	1.37	1.37	57	-0.02
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	41	15:18	0	-	0.26	0.24	0.24	10	-0.02
KARNISAR SOLAR PLANT NHPC LIMITED	107	0	0	0	174	09:50	0	-	0.96	1.1	1.09	45	0.13
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	250	0	0	0	0	-	0	-	1.5	1.51	1.51	63	0.01
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	3.06	2.14	2.14	89	-0.92
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED(1 * 50)	50	0	0	0	47	11:39	0	-	0.34	0.33	0.33	14	-0.01
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED(1 * 50)	50	0	0	0	45	13:14	0	-	0.3	0.31	0.31	13	0.01
M/S AZURE POWER FORTY ONE PRIVATE LIMITED(1 * 300)	300	0	0	0	270	13:00	0	-	1.99	2.07	2.07	86	0.08
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	87	09:33	0	-	0.59	0.54	0.54	23	-0.05
MEGA SOILS RENEWABLE PRIVATE LIMITED(1 * 250)	250	0	0	0	0	-	0	-	1.28	1.27	1.27	53	-0.01
MEGA SURYAURJA PVT LTD(1*250)	250	0	0	0	0	-	0	-	1.63	1.62	1.62	68	-0.01
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.6	0.61	0.61	25	0.01
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	158	0	0	0	172	15:23	0	-	0.97	1.06	1.06	44	0.09
NOKHRA SOLAR POWER NTPC	300	0	0	0	0	-	0	-	1.47	1.26	1.26	53	-0.21
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)(1 * 300)	300	0	0	0	287	14:05	0	-	1.94	1.77	1.77	74	-0.17
RENEW SOLAR SURYA RAVI PVT LTD(1*300)	300	0	0	0	232	10:00	0	-	1.45	1.45	1.45	60	0
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	287	14:06	0	-	1.97	1.79	1.79	75	-0.18
RENEW SOLAR POWER PVT LTD(50)	50	0	0	0	238	13:02	0	-	0.33	1.62	1.62	68	1.29
RENEW SOLAR POWER PVT LTD. BIKANER(1 * 250)	250	0	0	0	0	-	0	-	1.69	1.56	1.56	65	-0.13
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	284	11:05	0	-	1.85	1.8	1.8	75	-0.05
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	292	12:56	0	-	2.02	2.02	2.01	84	-0.01
RENEW SURYA JYOTI PRIVATE LIMITED	185	0	0	0	0	-	0	-	1.12	0.48	0.48	20	-0.64
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	206	11:20	0	-	1.4	1.44	1.43	60	0.03
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	2.18	2.17	2.17	90	-0.01
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	97	13:06	0	-	0.68	0.7	0.7	29	0.02
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	201	14:09	0	-	1.34	1.25	1.24	52	-0.1
SB ENERGY FOUR PVT LTD(2 * 100)	200	0	0	0	193	12:07	0	-	1.25	1.29	1.29	54	0.04
SB ENERGY SIX PRIVATE LIMITED(1 * 300)	300	0	0	0	303	14:08	0	-	1.95	1.98	1.98	83	0.03
SVJN GREEN ENERGY LIMITED	242	0	0	0	423	09:46	0	-	2.24	2.55	2.52	105	0.28
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED .BKN2	168	0	0	0	0	-	0	-	1.09	1.35	1.35	56	0.26
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	176	0	0	0	225	09:05	0	-	1.45	1.29	1.29	54	-0.16
SINGRAULI SOLAR(15)	15	0	0	0	0	-	0	-	0.05	0.05	0.04	2	-0.01
SOLZEN URJA PRIVATE LIMITED(1 * 300)	300	0	0	0	281	13:47	0	-	1.99	1.98	1.98	83	-0.01
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	80	15:30	0	-	0.16	0.48	0.48	20	0.32
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	218	12:27	0	-	1.57	1.4	1.4	58	-0.17
TATA POWER RENEWABLE ENERGY LTD(1 * 300)	300	0	0	0	292	11:33	0	-	1.94	1.84	1.8	75	-0.14
TATA POWER SAURYA LIMITED	110	0	0	0	85	09:37	0	-	0.58	0.52	0.52	22	-0.06
THAR SURYA IPRIVATE LIMITED(1*300)	300	0	0	0	301	11:59	0	-	2.2	2.15	2.15	90	-0.05
TRANSITION ENERGY SERVICES PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.4	0.38	0.38	16	-0.02
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	113	15:26	0	-	0.66	0.58	0.58	24	-0.08
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	53	15:27	0	-	0.33	0.29	0.29	12	-0.04
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.37	0.3	0.3	13	-0.07
UNCHAHAH SOLAR(10)	10	0	0	0	6	13:00	0.029	17:30	0.03	0.04	0.04	2	0.01

XL XERGI POWER PRIVATE LIMITED	400	0	0	0	252	14:50	0		1.81	1.76	1.75	73	-0.06
Sub-Total	18,548	0	0	0	-	-	-	-	122.44	118.62	118.37	4,940	-4.07
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	591	13:48	0	-	4.86	4.69	4.68	195	-0.18
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	0	0	0	-	0	-	3.26	3.15	3.15	131	-0.11
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	348	13:45	0	-	2.46	2.37	2.37	99	-0.09
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	26	32	64	10:30	0	-	0.92	0.64	0.64	27	-0.28
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	290	-	0	-	2.38	2.32	2.32	97	-0.06
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	17	30	60	10:30	0	-	0.6	0.48	0.48	20	-0.12
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	298	09:45	0	-	2.39	2.31	2.31	96	-0.08
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	19	27	47	09:45	0	-	0.6	0.49	0.49	20	-0.11
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	406	10:44	0	-	2.91	2.86	2.86	119	-0.05
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	44	37	61	20:30	0	-	0.93	0.61	0.61	25	-0.32
Sub-Total	2,846	0	106	126	-	-	-	-	21.31	19.92	19.91	829	-1.4
Total	23,300	1,655	1,742	1,460					177.24	172.9	172.08	7,177	-5.16

Summary Section						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	66,474	35,439	30,908	843.74	794.33	33,100
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		4,104	4,057	168.68	168.68	8,716
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		-58	-65	1.39	1.39	48
Total Regional Availability(Gross)	118,257	62,895	54,808	1,654.46	1,580.73	67,554

Total Hydro Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	11,267	10,047	242.92	239.18	9,966
State Control Area Hydro	7,855	5,547	5,233	149.74	149.26	6,220
Total Regional Hydro	22,577	16,814	15,280	392.66	388.44	16,186

Total Renewable Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	21,639	106	126	142.05	141.79	5,915
State Control Area Renewable	13,630	649	403	71.67	71.65	2,985
Total Regional Renewable	35,269	755	529	213.72	213.44	8,900

Total Solar Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	20,773	0	0	136.68	136.42	5,692
State Control Area Solar	8,586	59	60	59.66	59.66	2,485
Total Solar	29,359	59	60	196.34	196.08	8,177

Total Wind Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	106	126	5.37	5.37	223
State Control Area Wind	4,328	521	272	7.67	7.67	320
Total Wind	5,194	627	398	13.04	13.04	543

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	-	-	-	-	0	0.12	-0.12
2	132KV-Chandauli (UP)-Karmnasa(PG)	-	-	-	-	-	-	-
3	132KV-Rihand (UP)-Garhwa(CG)	-	-	-	-	0	0.66	-0.66
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	1.38	0	1.38
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	0	0.6	-0.6
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	0	1.2	-1.2
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	3.18	0	3.18
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	11.56	0	11.56
10	400KV-Gorakhpur (UP)-Motihari(DMT)	-	-	-	-	5.15	0	5.15
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	-	-	-	-	7.05	0	7.05

Import/Export between EAST REGION and NORTH REGION								
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	0	0.34	-0.34
13	400KV-Varanasi (PG)-Sasaram(PG)	-81	-93	160	0	2.72	0	2.72
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	8.35	0	8.35
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	0	2.8	-2.8
16	765KV-Varanasi (PG)-Gaya(PG)	-228	-188	370	815	0	5.2	-5.2
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	-	-	-	-	9.8	0	9.8
Sub-Total EAST REGION		-309	-281	530	815	49.19	10.92	38.27
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)	-139	-68	-	220	0	2.75	-2.75
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	128	110	131	-	2.78	0	2.78
6	220KV-Ranpur (RS)-Bhanpura(MP)	100	86	103	-	2.1	0	2.1
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-224	-166	-489	608	0	1.2	-1.2
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	7.3	-7.3
10	400KV-RAPS C (NP)-Sujalpur	94	-14	168	901	0	7.82	-7.82
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-789	-515	0	-789	0	8.7	-8.7
13	765KV-0rai-Jabalpur	1,654	1,330	1,896	0	12.03	0	12.03
14	765KV-0rai-Satna	721	776	776	0	12.46	0	12.46
15	765KV-Agra (PG)-Gwalior(PG)	-	-	-	-	15.15	0	15.15
16	765KV-Chittorgarh-Banaskata D/C	854	691	0	1,523	0	14.55	-14.55
17	765KV-Phagi (RJ)-Gwalior(PG)	1,226	854	1,236	-1,778	0.97	0	0.97
18	765KV-Varanasi (PG)-Vindhyachal(PG)	-2,712	-2,245	2,859	0	49.38	0	49.38
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	1,250	1,249	1,256	0	30.19	0	30.19
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	250	250	0	250	0	6.07	-6.07
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	2,000	2,000	2,000	0	46.49	0	46.49
Sub-Total WEST REGION		4,413	4,338	9,936	935	171.55	48.39	123.16
TOTAL IR EXCHANGE		4,104	4,057	10,466	1,750	227.99	59.31	168.68

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	102.53	18.86	0	-0.24	0	94.91	38.27	-56.64
NR-NORTH_EAST REGION	0	0	0	0	0	0	7.25	7.25
NR-WR	177.43	53.54	0	-94.9	0	89.44	123.16	33.72
Total	279.96	72.4	0	-95.14	0	184.35	168.68	-15.67

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)	-58	-65	67.056	19	1.4	0.01	1.39	0
132KV-Nautanwa (UP)-Mainhiya (Nepal)					0	0	0	0

5.Frequency Profile

RANGE(Hz)	< 49.2	< 49.7	< 49.8	< 49.9	< 50.0	>= 49.9 - <= 50.05	> 50.05 - <= 50.1	> 50.1 - <= 50.2	> 50.2	> 50.05
%	0	0	.01	4.26	43.72	78.5	12.5	3.15	1.6	17.25

<-----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.	
50.3	13:03:50	49.8	19:06:40	50.01	0.039	0.063	50.22	49.86	21.5

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index (% of time)
					< 380	< 390	> 420	> 430	
Abdullapur(PG) - 400KV	414	03:55	403	19:05	0	0	0	0	0
Amritsar(PG) - 400KV	409	03:55	397	15:55	0	0	0	0	0
Ballabgarh(PG) - 400KV	415	05:00	397	19:05	0	0	0	0	0

Bareilly II(PG) - 400KV	413	07:25	395	19:10	0	0	0	0	0
Bareilly(UP) - 400KV	414	07:25	396	19:05	0	0	0	0	0
Baspa(HP) - 400KV	409	01:45	397	09:40	0	0	0	0	0
Bassi(PG) - 400KV	417	03:00	401	09:35	0	0	0	0	0
Bawana(DTL) - 400KV	418	05:00	403	19:10	0	0	0	0	0
Dadri HVDC(PG). - 400KV	415	05:00	400	19:10	0	0	0	0	0
Gorakhpur(PG) - 400KV	413	08:05	394	19:45	0	0	0	0	0
Hisar(PG) - 400KV	417	03:55	403	09:35	0	0	0	0	0
Kanpur(PG) - 400KV	416	08:00	399	19:10	0	0	0	0	0
Kashipur(UT) - 400KV	414	13:05	408	19:05	0	0	0	0	0
Kishenpur(PG) - 400KV	409	03:45	403	19:25	0	0	0	0	0
Moga(PG) - 400KV	411	03:55	402	15:55	0	0	0	0	0
Nallagarh(PG) - 400KV	409	01:45	397	09:40	0	0	0	0	0
Rihand HVDC(PG) - 400KV	407	13:05	398	19:10	0	0	0	0	0
Rihand(NT) - 400KV	405	13:05	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	784	02:55	772	21:05	0	0	0	0	0
Balia(PG) - 765KV	783	08:05	753	19:10	0	0	0	0	0
Bareilly II(PG) - 765KV	782	07:25	749	19:05	0	0	0	0	0
Bhiwani(PG) - 765KV	797	02:50	769	09:35	0	0	0	0	0
Fatehpur(PG) - 765KV	787	08:00	758	19:10	0	0	0	0	0
Jhatikara(PG) - 765KV	792	05:00	757	09:35	0	0	0	0	0
Lucknow II(PG) - 765KV	796	08:05	752	19:05	0	0	0	0	0
Meerut(PG) - 765KV	800	08:00	767	19:10	0	0	0	0	0
Moga(PG) - 765KV	794	05:00	766	09:35	0	0	0	0	0
Phagi(RJ) - 765KV	801	02:55	773	08:55	0	0	.35	0	.35
Unnao(UP) - 765KV	780	08:25	748	19:10	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	-700	-1,300	0	0	0	882.71	0	-1,150	0	0	-100	0
HARYANA	999.43	72.55	-70.13	-400	0	0	0	1,219.88	0.16	0.15	1.75	0	0	0
RAJASTHAN	870.52	-20.3	-406.76	-400	0	0	0	810.58	-28.64	-78.54	28.8	0	0	0
DELHI	1,094.35	0.77	-283	102.04	0	0	0	1,203.54	0.12	-2.9	7.25	0	0	0
UTTAR PRADESH	249.87	7.12	413.31	231.12	0	0	0	1,896.3	11.85	43.55	646.81	0	0	0
UTTARAKHA ..	-245	-3.2	57.07	96.73	0	0	0	-245	-9.2	6.36	75.97	0	0	0
HIMACHAL PRADESH	-17.62	-62.6	-7.47	-184.78	0	0	0	-18.74	-62.5	-12.17	-100.17	0	0	0
J&K(UT) & LADAKH(UT)	-300	-39.2	-314.4	-590	0	0	0	-426	-48.3	-16.3	89.39	0	0	0
CHANDIGARH	49.13	0	-145	7.74	0	0	0	81.59	0	-95	0	0	0	0
RAILWAYS_NRISTS	31.72	0	59.97	0	0	0	0	31.72	0.99	0.87	10.73	0	0	0
TOTAL	3,715.11	-44.86	-1,396.41	-2,437.15	0	0	0	5,436.58	-135.52	-1,303.98	760.53	0	-100	0

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	124.5	22.08	0	-19.17	-10.07	117.34
HARYANA	146.33	34.82	0.8	-8.8	-12.46	159.45
RAJASTHAN	98.54	18.12	-0.44	-24.91	-2.54	88.77
DELHI	101.31	26.34	0.08	-0.61	3.62	130.74
UTTAR PRADESH	198.5	11.98	1.08	2.08	11.45	225.36
UTTARAKHAND	23.98	-5.55	-0.1	2.96	1.81	21.93
HIMACHAL PRADESH	0.33	-0.35	-1.27	-0.3	-3.43	-5.02
J&K(UT) & LADAKH(UT)	40.27	-3.96	-0.63	-3.64	-6.61	25.43
CHANDIGARH	6.83	1.3	0	-2.08	0.24	6.29
RAILWAYS_NR ISTS	1.97	0.76	0.12	0.64	0.23	3.72
TOTAL	742.56	105.54	-0.36	-53.83	-17.76	774.01

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	5,703.4	4,726.01	1,253.83	744.69	0	0	0	0
HARYANA	6,520.94	5,440.48	2,510.8	201.28	78.83	0	0	0
RAJASTHAN	4,658.11	2,980.11	993.37	523.78	23.84	-35.88	0	0
DELHI	4,656.91	3,657.83	1,347.67	827.38	40.62	0	0	0
UTTAR PRADESH	10,097.91	6,285.75	1,896.73	-44.81	199.98	-7.25	10.64	0
UTTARAKHAND	1,236.74	856.01	-204.85	-245	0.38	-19.2	0	0
HIMACHAL PRADESH	286.77	-203.62	-9.1	-18.84	-23.59	-62.6	0	0
J&K(UT) & Ladakh(UT)	1,749.1	1,624.06	0	-426	0	-48.3	0	0
CHANDIGARH	326.2	238.28	81.59	29.46	0	0	0	0
RAILWAYS_NR ISTS	98.06	77.66	31.72	31.72	59.01	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	-500	-1,850	0	-100	769.56	-1,800	0	0
HARYANA	15.19	-1,544.78	0	0	14.61	-2,000	0	0
RAJASTHAN	90.45	-2,825.32	0	0	120.54	-744.57	0	0
DELHI	205.07	-655	0	0	708.55	-218.92	0	0
UTTAR PRADESH	1,497.03	-4,132.92	0	-70	1,566.62	-248.99	219.85	0
UTTARAKHAND	395.82	0	0	0	266.01	-65.06	0	0
HIMACHAL PRADESH	132.93	-126.24	0	0	119.82	-329.48	0	0
J&K(UT) & LADAKH(UT)	-14.4	-315.69	0	0	103.98	-750	0	0
CHANDIGARH	0	-180	0	0	54.17	-12	0	0
RAILWAYS_NR ISTS	59.97	0	0	0	59.97	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	511.21	1,605	501.52	1,153	1,514.98	996.67
Chamera-I	748.75	760	753.95	756.2	8	-	-	480.3	196.74
Gandhisagar	381	399.9	725	-	-	-	-	-	0
Jawahar Sagar	295.96	298.7	2.01	-	-	-	-	-	0
Koteshwar	598.5	612.5	610.73	611.2	5	610.55	5	315.1	319.73
Pong	384.05	426.72	1,084	423.78	1,066	415.98	718	987.44	484.64
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	524.36	351	501.27	113	558.22	568.02
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	828.16	1,125	826.71	1,095	453.61	307
TOTAL	-	-	-	-	4,160	-	3,084	4,309.65	2,872.8

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	5
DELHI	7	17
HARYANA	5	16
HIMACHAL PRADESH	3	8
J&K(UT) & Ladakh(UT)	7	32
PUNJAB	6	20
RAJASTHAN	8	18
UTTAR PRADESH	1	10
UTTARAKHAND	3	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	5,852	3,538	5969	19:15:00	102.15	4,256
NCR_DRAWAL	-	13,260	12,436	14581	14:45:00	304.92	12,705
NCR_DEMAND	-	19,111	15,974	19348	21:30:00	407.07	16,961
LADAKH_DEMAND	-	15	-6	15	19:30:00	0.08	3

12. RE/Load Curtailment details

State	Load Curtailment (Shortage)			RE Curtailment				
	Energy	Maximum	At the time of maximum demand	Wind		Solar		Reason
	MU	MW	MW	Max MW	Energy(MU)	Max MW	Energy(MU)	
CHANDIGARH	0	0	0	0	0	0	0	
DELHI	0	0	0	0	0	0	0	
HARYANA	0	0	0	0	0	0	0	
HIMACHAL PRADESH	0	0	0	0	0	0	0	
J&K(UT) & Ladakh(UT)	0	0	0	0	0	0	0	
PUNJAB	0	0	0	0	0	0	0	
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	
RAJASTHAN	0	0	0	0	0	0	0	
UTTAR PRADESH	0	0	0	0	0	0	0	
UTTARAKHAND	1.1	355	155	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