



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

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

Date of Reporting:09-Aug-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
75,138	100	75,238	50.06	70,595	0	70,595	49.96	1,760	0.24

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	110.52	18.83	0	5.25	0	1.85	136.46	206.08	206.84	0.76	343.3	0	343.3
HARYANA	57.22	1.12	0.33	1.21	0	1.33	61.2	210.06	208.83	-1.23	270.03	0	270.03
RAJASTHAN	123.46	2.54	1.77	41.42	37.98	5.4	212.56	140.2	138.72	-1.48	351.28	0	351.28
DELHI	0	0	11.51	0	0	1.46	12.97	131.41	129.73	-1.68	142.7	0	142.7
UTTAR PRADESH	261	28.5	0	7	0	0.6	297.1	205.54	205.45	-0.09	502.55	0	502.55
UTTARAKHAND	0	25.01	3.83	0.28	0	0	29.12	20.63	20.24	-0.39	49.36	0	49.36
HIMACHAL PRADESH	0	40.17	0	0.13	0	0	40.3	-5.91	-4.63	1.28	35.67	0	35.67
J&K(UT) & Ladakh(UT)	0	24.59	0	0	0	0	24.59	28.57	30.01	1.44	54.84	0.24	54.6
CHANDIGARH	0	0	0	0	0	0	0	6.95	6.83	-0.12	6.83	0	6.83
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.7	4.12	0.42	4.12	0	4.12
Region	552.2	140.76	17.44	55.29	37.98	10.64	814.3	947.23	946.14	-1.09	1,760.68	0.24	1,760.44

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	11,886	0	-443	633	14,284	13,424	0	77	3,003
HARYANA	11,733	0	-463	2,581	11,371	11,004	0	183	2,358
RAJASTHAN	14,747	0	543	1,497	14,581	13,649	0	76	1,837
DELHI	6,218	0	-117	1,213	5,949	5,484	0	228	1,065
UTTAR PRADESH	24,033	0	27	1,534	20,948	21,672	0	505	334
UTTARAKHAND	2,111	0	-85	-392	2,062	1,917	0	64	-636
HIMACHAL PRADESH	1,453	0	233	-964	1,484	1,242	0	34	-838
J&K(UT) & Ladakh(UT)	2,490	100	186	-548	2,275	1,782	0	234	-1,159
CHANDIGARH	276	0	-2	-59	284	240	0	2	-80
RAILWAYS_NR ISTS	193	0	45	41	172	181	0	13	61
Region	75,140	100	-76	5,536	73,410	70,595	0	1,416	5,945

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	16,451	10:00	0	16,451	16,451	10:00	0	16,451	11,493	19:00	602.21	18:44:00	-827.51	17:16:00
HARYANA	12,855	14:00	0	12,855	12,855	14:00	0	12,855	10,217	7:00	550.8	18:51:00	-343.51	10:26:00
RAJASTHAN	15,655	15:00	0	15,655	15,655	15:00	0	15,655	13,149	4:00	1,092.37	15:16:00	-1,046.21	11:16:00
DELHI	6,973	15:00	0	6,973	6,973	15:00	0	6,973	4,802	8:00	486.75	09:17:00	-95.99	10:55:00
UP	25,128	21:00	0	25,128	25,128	21:00	0	25,128	15,854	7:00	892.63	18:31:00	-941.53	21:46:00
UTTARAKHA ..	2,196	6:00	0	2,196	2,196	6:00	0	2,196	1,870	23:00	259.17	23:46:00	-85.33	06:24:00
HP	1,724	10:00	0	1,724	1,724	10:00	0	1,724	1,232	4:00	172.74	11:11:00	-442.09	19:38:00
J&K(UT)&Lad ..	2,658	12:00	0	2,658	2,658	12:00	0	2,658	1,782	3:00	956.25	15:34:00	-352.72	05:59:00
CHANDIGARH	349	14:00	0	349	349	14:00	0	349	228	5:00	71.65	17:59:00	-30.17	19:59:00
RAILWAYS_NR ISTS	202	1:00	0	202	202	1:00	0	202	117	14:00	0	-	0	-
NR	77,283	12:00	0	77,283	77,283	12:00	0	77,283	66,579	7:00	0	-	0	-

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	300	266	300.78	19:00	265	17:00	6.89	6.61	275
DELHI GAS TURBINES( 3 * 34 + 6 * 30 )	282	36	71	72.04	05:00	36	19:00	1.53	1.44	60
PRAGATI GAS TURBINES( 1 * 121.2 + 2 * 104.6 )	331	143	146	147.13	05:00	143	17:00	3.56	3.46	144
RITHALA GPS( 3 * 36 )	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	479	483					11.98	11.51	479
WIND	0	0	0	0		0				
BIOMASS( 52 )	52	62	60	62.08	09:00	58	01:00	1.68	1.46	61
SOLAR( 2 )	2	0	0	0		0				
Total DELHI	2,145	541	543					13.66	12.97	540

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	536	449	539	00:00	338	14:00	11.05	9.99	416
JHAJJAR(CLP)( 2 * 660 )	1,320	1,139	1,123	1,207	01:00	728	13:00	25.74	24.04	1,002
MAGNUM DIESEL (IPP)( 4 * 6.3 )	25	0	0	0		0				
PANIPAT TPS( 1 * 210 + 2 * 250 )	710	649	584	654	00:00	530	16:00	14.65	13.21	550
RGTPP( KHEDAR)( 2 * 600 )	1,200	528	494	543	02:00	358	12:00	10.51	9.98	416
Total THERMAL	3,855	2,852	2,650					61.95	57.22	2,384
FARIDABAD GPS( 1 * 156.07 + 2 * 137.75 )	432	166	0	166	20:00	0	18:00	0.33	0.33	14
Total GAS/NAPTHA/DIESEL	432	166	0					0.33	0.33	14
TOTAL HYDRO HARYANA(64.8)	65	46	47	48	16:00	39	14:00	1.13	1.12	47
Total HYDEL	65	46	47					1.13	1.12	47
WIND	0	0	0	0		0				
BIOMASS( 106 )	106	0	0	0		0		1.33	1.33	55
SOLAR(196)	196	0	0	0		0		1.21	1.21	50
Total HARYANA	4,654	3,064	2,697					65.95	61.21	2,550

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	145	198	01:00	0		3.64	3.63	151
BASPA (IPP) HPS( 3 * 100 )	300	313	313	313	01:00	0		7.51	7.5	313
MALANA (IPP) HPS( 2 * 43 )	86	91	90	92	21:00	0		2.01	2	83
MALANA2( 2 * 50 )	100	0	0	0		0				
SAWARA KUDDU( 3 * 37 )	111	111	66	111	01:00	0		2	1.99	83
OTHER HYDRO HP( 503.75 )	504	230	423	0		0		8.73	8.7	363
Total HYDEL	1,281	926	1,037					23.89	23.82	993
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	560	790	0		0		16.38	16.36	682
Total SMALL HYDRO	765	560	790					16.38	16.36	682
Total HP	2,065	1,486	1,827					40.4	40.31	1,680

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		21.37	21.37	890
OTHER HYDRO/IPP J&K( 308 )	308	0	0	0		0		3.22	3.22	134
Total HYDEL	1,208	0	0					24.59	24.59	1,024
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					24.59	24.59	1,024

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	491	491	491	01:00	491	01:00	12.92	11.88	495
GURU GOBIND SINGH TPS (ROPAR)( 4 * 210 )	840	549	430	590	16:00	416	04:00	12.98	11.5	479
GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)( 2 * 210 + 2 * 250 )	920	823	818	831	21:00	812	02:00	21.51	20.59	858
RAJPURA(NPL) TPS( 2 * 700 )	1,400	1,320	1,320	1,320	01:00	1,320	01:00	33.07	31.62	1,318
TALWANDI SABO TPS( 3 * 660 )	1,980	1,228	1,770	1,770	03:00	1,060	17:00	37.55	34.93	1,455
Total THERMAL	5,680	4,411	4,829					118.03	110.52	4,605
ANANADPUR SAHIB HYDRO PLANT( 2 * 33.5 + 2 * 33.5 )	134	111	66	115	21:00	66	01:00	2.17	2.17	90
MUKERIAN HYDRO PLANT( 6 * 15 + 6 * 19.5 + 2 * 9 )	225	126	133	139	07:00	70	23:45	2.77	2.76	115
RANJIT SAGAR POWER PLANT ( 4 * 150 )	600	480	0	600	01:00	0	02:00	7.01	6.99	291
SHANAN( 4 * 15 + 1 * 50 )	110	110	110	110	01:00	60	11:00	2.28	2.28	95
UBDC( 3 * 15 + 3 * 15.5 )	92	82	82	82	01:00	82	01:00	1.96	1.95	81
OTHER HYDRO PUNJAB	0	0	0	0		0		2.7	2.7	113
Total HYDEL	1,161	909	391					18.89	18.85	785
WIND	0	0	0	0		0				
BIOMASS( 303 )	303	0	0	0		0		1.85	1.85	77
SOLAR( 881 )	881	55	55	555	12:00	55	01:00	5.25	5.25	219
Total PUNJAB	8,025	5,375	5,275					144.02	136.47	5,686

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	222	223	223	08:00	215	13:00	5.92	5.26	219
CHHABRA TPS( 2 * 660 + 4 * 250 )	2,320	1,475	1,517	1,517	03:00	1,123	12:00	36.7	33.99	1,416
GIRAL (IPP) LTPS( 2 * 125 )	250	0	0	0		0				
KALISINDH TPS( 2 * 600 )	1,200	424	210	444	00:00	208	06:00	8.31	7.59	316
KAWAI TPS( 2 * 660 )	1,320	603	612	621	01:00	364	11:00	15.77	12.86	536
KOTA TPS( 2 * 110 + 2 * 195 + 3 * 210 )	1,240	999	1,003	1,026	22:00	734	11:00	24.26	21.6	900
RAJWEST (IPP) LTPS( 8 * 135 )	1,080	705	628	732	23:00	588	12:00	17.96	15.63	651
SURATGARH TPS ( 6 * 250 + 2 * 660(SSCTPS))	2,820	1,271	1,175	1,335	23:00	940	13:00	29.13	26.53	1,105
VSLPP (IPP)( 1 * 135 )	135	0	0	0		0				
Total THERMAL	10,615	5,699	5,368					138.05	123.46	5,143
DHOLPUR GPS( 3 * 110 )	330	0	0	0		0				
RAMGARH GPS( 1 * 110 + 1 * 35.5 + 1 * 50 + 2 * 37.5 )	271	68	69	69	00:00	67	17:00	1.83	1.77	74
Total GAS/NAPTHA/DIESEL	601	68	69					1.83	1.77	74
RAPS-A( 1 * 100 + 1 * 200 )	300	154	154	157	10:00	153	18:00	4.05	3.73	155
Total NUCLEAR	300	154	154					4.05	3.73	155
TOTAL HYDRO RAJASTHAN( 550 )	550	109	85	195	22:00	85	11:00	2.55	2.54	106
Total HYDEL	550	109	85					2.55	2.54	106
WIND( 1 * 4328 )	4,328	1,414	1,213	1,789	11:00	1,286	06:00	37.98	37.98	1,583
BIOMASS( 102 )	102	70	70	70	01:00	70	06:00	1.67	1.67	70
SOLAR(4568)	4,568	22	0	5,043	12:00	0	06:00	41.42	41.42	1,726
Total RAJASTHAN	21,064	7,536	6,959					227.55	212.57	8,857

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	1,374	1,383	1,384	05:00	919	09:00	31.9	29.6	1,233
ANPARA-C TPS( 2 * 600 )	1,200	1,050	1,110	1,110	03:00	606	09:00	25	23.1	963
ANPARA-D TPS( 2 * 500 )	1,000	942	938	947	21:00	559	09:00	23.3	21.8	908
BAJAJ ENERGY PVT LTD (IPP) TPS( 10 * 45 )	450	226	226	226	01:00	226	01:00	5.9	5.3	221
BARA PPGCL TPS( 3 * 660 )	1,980	1,702	1,682	1,702	20:00	729	21:00	35.3	32.6	1,358
GHATAMPUR TPS (1*660)	660	539	315	558	01:00	307	11:00	11.3	10.2	425
HARDUAGANJ TPS( 1 * 110 + 2 * 250 + 1*660)	1,270	557	573	734	05:00	548	16:00	15.9	14.4	600
INFIRM POWER	660	0	0	0		0				
JAWAHARPUR TPS(2*660)	1,320	326	316	476	16:00	313	19:00	9.9	8.9	371
JP CHURK( 3 * 60 )	180	0	0	0		0				
KHURJA TPS(1 * 660)	660	591	592	602	10:00	334	15:00	14.6	13.1	546
LALITPUR TPS( 3 * 660 )	1,980	1,538	1,552	1,834	23:59	1,008	01:00	31.1	29.1	1,213
MEJA TPS( 2 * 660 )	1,320	1,209	720	1,218	23:00	674	16:00	22.9	21.5	896
OBRA TPS ( 5 * 200+1*660 )	1,660	990	855	1,018	23:59	851	02:00	24.3	21.9	913
PANKI_I TPS(1 * 660)	660	0	0	0		0				
PARICHA TPS( 2 * 210 + 2 * 250 )	920	535	484	772	05:00	478	12:00	13.4	12.2	508
ROSA TPS( 4 * 300 )	1,200	885	608	1,039	05:00	586	11:00	17.5	16	667
TANDA TPS( 4 * 110 )	440	157	0	181	22:00	0	01:00	1.5	1.3	54
Total THERMAL	19,190	12,621	11,354					283.8	261	10,876
ALAKHANANDA HEP( 4 * 82.5 )	330	354	341	355	19:00	263	16:00	7.6	7.6	317
RIHAND HPS( 6 * 50 )	300	285	285	285	01:00	135	07:00	6.6	6.6	275
VISHNUPARYAG HPS( 4 * 110 )	440	436	436	436	01:00	436	01:00	10.5	10.5	438
OTHER HYDRO UP( 227 )	227	116	170	186	17:00	120	20:00	3.8	3.8	158
Total HYDEL	1,297	1,191	1,232					28.5	28.5	1,188
WIND	0	0	0	0		0				
BIOMASS( 26 )	26	0	0	0		0				
SOLAR( 2430)	2,642	0	0	2,749	09:00	0	01:00	7	7	292
CO-GENERATION( 1360 )	1,360	25	25	25	01:00	0		0.6	0.6	25
Total OTHERs	1,360	25	25					0.6	0.6	25
Total UP	24,515	13,837	12,611					319.9	297.1	12,381

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	49	48	99	22:00	48	02:00	1.22	1.16	48
SARAVANTI	450	186	89	187	21:00	35	00:00	2.73	2.67	111
Total GAS/NAPTHA/DIESEL	675	235	137					3.95	3.83	159
OTHER HYDRO UK( 1250 )	1,250	1,006	1,053	1,066	00:00	996	21:00	25.09	25.01	1,042
Total HYDEL	1,250	1,006	1,053					25.09	25.01	1,042
WIND	0	0	0	0		0				
BIOMASS( 127 )	127	0	0	0		0				
SOLAR( 278)	278	0	0	55	11:00	4	17:00	0.28	0.28	12
SMALL HYDRO( 180 )	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	1,241	1,190					29.32	29.12	1,213

(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	929	1,481	06:30	804	23:45	22.86	24.63	22.71	0.16	946	-0.31
Sub-Total	1,500	1,411	1,459	929	-	-	-	-	22.86	24.63	22.71	0.16	946	-0.31
BBMB														
BHAKRA HPS( 5 * 126 + 5 * 157 )	1,415	1,392	1,421	830	1,422	21:00	584	08:00	21.25	21.7	21.41	0	892	0.16
DEHAR HPS( 6 * 165 )	990	600	660	630	660	21:00	615	08:00	13.96	14.68	14.35	0	598	0.39
PONG HPS( 6 * 66 )	396	352	360	360	360	21:00	300	16:00	8.39	8.47	8.31	0	346	-0.08
Sub-Total	2,801	2,344	2,441	1,820	-	-	-	-	43.6	44.85	44.07	0	1,836	0.47
INFIRM														
TEHRI PSP	1,000	426	448	0	453	21:00	0	-	0.18	2.09	0.23	0	10	0.05
Sub-Total	1,000	426	448	0	-	-	-	-	0.18	2.09	0.23	0	10	0.05
NHPC														
BAIRASIUL HPS( 3 * 60 )	180	0	0	187	187	04:15	0	16:00	2.89	3.07	3.04	0	127	0.15
CHAMERA I HPS( 3 * 180 )	540	536	542	540	542	16:00	532	15:00	12.81	12.97	12.82	0	534	0.01
CHAMERA II HPS( 3 * 100 )	300	312	299	302	303	17:00	298.66	06:00	7.16	7.22	7.17	-0.01	299	0.02
CHAMERA III HPS( 3 * 77 )	231	240	230	236	238	12:00	221.5	11:00	5.51	5.63	5.57	-0.03	232	0.09
DHAULIGANGA HPS( 4 * 70 )	280	292	281	285	286	08:00	268.6	11:00	6.69	6.77	6.75	0	281	0.06
DULHASTI HPS( 3 * 130 )	390	385	375	372	377	17:00	367.6	11:00	8.72	8.95	8.84	0	368	0.12
KISHANGANGA( 3 * 110 )	330	336	330	111	334	22:00	0	-	4.27	4.3	4.28	0	178	0.01
PARBATI III HEP( 4 * 130 )	520	400	0	0	0	-	0	-	5.96	6.19	6.14	0	256	0.18
PARBATI-II( 4 * 200 )	800	-	448	190	569	22:00	166.9	08:00	-	6.27	6.05	0	252	-
SALAL HPS( 6 * 115 )	690	710	721	721	721	01:00	720	22:00	17.1	17.32	17.12	0	713	0.02
SEWA-II HPS( 3 * 40 )	120	124	124	120	124	20:00	117.54	07:00	2.86	2.93	2.91	0	121	0.05
TANAKPUR HPS( 1 * 31.42 + 2 * 31.4 )	94	0	0	102	104	04:00	0	09:00	0.99	1.08	1.07	0	45	0.08
URI HPS( 4 * 120 )	480	440	447	324	466	00:45	89.91	17:15	8.66	9.02	8.95	0	373	0.29
URI-II HPS( 4 * 60 )	240	160	231	203	231	20:00	146.24	08:00	4.22	4.41	4.37	0	182	0.15
Sub-Total	5,195	3,935	4,028	3,693	-	-	-	-	87.84	96.13	95.08	-0.04	3,961	1.23
NPCL														
NAPS( 2 * 220 )	440	190	214	213	219	13:00	211	05:00	4.56	5.11	4.53	0	189	-0.03
RAPP-D	700	256	0	0	0	-	0	-	6.14	7.31	6.05	0	252	-0.09
RAPS-B( 2 * 220 )	440	367	406	420	422	07:00	402	17:00	8.81	9.93	8.8	0	367	-0.01
RAPS-C( 2 * 220 )	440	406	444	448	449	08:00	444	16:00	9.74	10.79	9.73	0	405	-0.01
Sub-Total	2,020	1,219	1,064	1,081	-	-	-	-	29.25	33.14	29.11	0	1,213	-0.14
NTPC														
ANTA GPS( 1 * 153.2 + 3 * 88.71 )	419	384	145	0	205	19:11	0	-	0.4	0.29	0.25	0	10	-0.15
AURAIYA GPS( 2 * 109.3 + 4 * 111.19 )	663	615	235	0	269	19:00	0	-	0.61	0.43	0.32	0	13	-0.29
DADRI GPS( 2 * 154.51 + 4 * 130.19 )	830	800	0	0	0	-	0	-	0.8	0.63	0.57	0	24	-0.23
DADRI-I TPS( 4 * 210 )	840	691	453	341	653	19:15	0	-	8.79	10.37	9.19	0	383	0.4
DADRI-II TPS( 2 * 490 )	980	919	749	546	916	21:15	0	-	14.11	15.35	14.2	0	592	0.09
KOLDAM HPS( 4 * 200 )	800	871	865	850	871	15:00	0	-	20.91	20.99	20.88	0	870	-0.03
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	4.04	2.21	2.21	0	92	-1.83
RIHAND-I STPS( 2 * 500 )	1,000	440	486	969	989	05:00	302	13:00	15.04	16.17	14.63	-0.05	610	-0.36
RIHAND-II STPS( 2 * 500 )	1,000	943	976	1,008	1,008	03:00	545	14:00	21.03	22.23	20.69	-0.1	862	-0.24
RIHAND-III STPS( 2 * 500 )	1,000	943	976	995	1,008	16:00	542	13:00	21.15	22.15	20.99	-0.15	875	-0.01
SINGRAULI HYDRO( 1 * 8 )	8	0	0	0	0	-	0	-	0	0	0	0	0	0
SINGRAULI STPS( 2 * 500 + 5 * 200 )	2,000	1,389	1,462	1,509	1,509	03:00	875	13:00	30.11	32.63	29.6	0	1,233	-0.51
TANDA TPS STAGE-II( 2 * 660 )	1,320	1,244	1,207	1,245	1,245	03:00	662.6	10:45	24.15	25.68	23.98	0	999	-0.17
UNCHAHAH II TPS( 2 * 210 )	420	379	400	265	400	20:00	240	11:00	6.35	7.6	6.75	0.26	281	0.14
UNCHAHAH III TPS( 1 * 210 )	210	191	203	132	204	07:00	118	11:00	3.47	3.85	3.48	0.08	145	-0.07
UNCHAHAH IV TPS( 1 * 500 )	500	466	467	498	498	03:00	277	10:00	8.99	9.6	8.95	0.04	373	-0.08
UNCHAHAH TPS( 2 * 210 )	420	365	385	246	385	20:00	240	14:00	6.36	7.09	6.17	0	257	-0.19
Sub-Total	12,655	10,640	9,009	8,604	-	-	-	-	186.31	197.27	182.86	0.08	7,619	-3.53
SJVNL														
NATHPA-JHAKRI HPS( 6 * 250 )	1,500	1,630	1,632	1,647	1,648	17:00	1,601	11:00	38.81	39.48	39.16	0	1,632	0.35
RAMPUR HEP( 6 * 68.67 )	412	449	451	446	452	19:00	444	11:00	10.5	10.9	10.82	0	451	0.32
Sub-Total	1,912	2,079	2,083	2,093	-	-	-	-	49.31	50.38	49.98	0	2,083	0.67
THDC														
KOTESHWAR HPS( 4 * 100 )	400	396	393	380	394	22:00	99	09:00	6.58	6.78	6.77	0.16	282	0.03

TEHRI HPS( 4 * 250 )	1,000	988	972	1,004	1,016	17:00	0	10:00	18.16	18.33	18.25	-0.02	760	0.11
Sub-Total	1,400	1,384	1,365	1,384	-	-	-	-	24.74	25.11	25.02	0.14	1,042	0.14
Total	28,483	23,438	21,897	19,604					444.09	473.6	449.06	0.34	18,710	-1.42

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	208	211	206	211	20:00	0	-	5	4.79	4.76	198	-0.24
BUDHIL HPS (IPP)( 2 * 35 )	70	69	78	77	78	20:00	0	-	1.82	1.86	1.85	77	0.03
KARCHAM WANGTOO HPS( 4 * 261.25 )	1,045	1,126	1,140	1,140	1,140	22:00	0	-	27.03	27.21	27.01	1,125	-0.02
SAINJ HEP( 2 * 50 )	100	0	0	0	0	-	0	-	0	0	0	0	0
SHREE CEMENT (IPP) TPS( 2 * 150 )	300	336	342	88	343	21:00	0	-	3.99	4.23	3.93	164	-0.06
SINGOLI BHATWARI HEP( 3 * 33 )	99	107	80	107	107	03:00	0	-	2.29	2.47	2.45	102	0.16
SORANG HYDROELECTRIC PROJECT( 2 * 50 )	100	90	104	95	105	00:00	0	-	2.24	2.37	2.36	98	0.12
Sub-Total	1,906	1,936	1,955	1,713	-	-	-	-	42.37	42.93	42.36	1,764	-0.01
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	357	0	0	0	0	-	0	-	3.42	2.82	2.82	118	-0.6
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	1.69	1.77	1.74	73	0.05
ACME CHITTORGARH SOLAR ENERGY PVT LTD( 1 * 250 )	250	0	0	0	216	12:56	0	-	1.72	1.77	1.77	74	0.05
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	315	13:20	0	-	2.41	2.44	2.43	101	0.02
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	2.33	2.44	2.44	102	0.11
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	316	12:27	0	-	2.37	2.43	2.42	101	0.05
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	316	12:57	0	-	2.34	2.44	2.43	101	0.09
ACME SIKAR SOLAR PRIVATE LIMITED	53	0	0	0	0	-	0	-	1.55	1.55	1.55	65	0
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	313	13:06	0	-	2.41	2.42	2.41	100	0
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.71	0.77	0.77	32	0.06
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.7	0.74	0.74	31	0.04
ADANI GREEN ENERGY TWENTY FOUR LIMITED	405	0	0	0	406	09:52	0	-	2.88	2.91	2.9	121	0.02
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)( 1 * 200 )	200	0	0	0	207	12:37	0	-	1.43	1.55	1.55	65	0.12
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	155	12:15	0	-	1.12	1.14	1.14	48	0.02
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150)	150	0	0	0	147	12:00	0	-	1.09	1.12	1.12	47	0.03
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.34	0.34	0.34	14	0
ADANI SOLAR ENERGY RJ TWO PVT LTD BHADLA(1*150)	150	0	0	0	150	10:39	0	-	1.19	1.23	1.23	51	0.04
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	181	11:51	0	-	1.78	1.71	1.71	71	-0.07
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	0	-	0	-	0.8	0.77	0.77	32	-0.03
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	0	-	0	-	2.81	3.06	3.06	128	0.25
AMP ENERGY GREEN FOUR PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.63	0.67	0.67	28	0.04
AMPLUS AGES PRIVATE LIMITED(1*100)	100	0	0	0	91	09:31	0	-	0.66	0.7	0.7	29	0.04
AURAIYA SOLAR( 1 * 40 )	40	0	0	0	0	-	0	-	0.11	0.09	0.09	4	-0.02
AVAADA RIJN PRIVATE LIMITED(1*240)	240	0	0	0	245	12:10	0	-	1.7	1.82	1.82	76	0.12
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER( 1 * 350 )	350	0	0	0	357	11:45	0	-	2.48	2.65	2.65	110	0.17
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	324	12:46	0	-	2.42	2.57	2.56	107	0.14
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	312	11:50	0	-	2.22	2.3	2.3	96	0.08
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	298	11:59	0	-	2.22	2.33	2.33	97	0.11
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	233	09:47	0	-	1.67	1.72	1.72	72	0.05
AZURE POWER FORTY THREE PRIVATE LIMITED( 1 * 150 + 1 * 150 + 1 * 300 )	600	0	0	0	600	12:15	0	-	4.46	4.5	4.5	188	0.04
AZURE POWER INDIA PVT LTD.( 4 * 50 )	200	0	0	0	187	12:49	0	-	1.2	1.36	1.36	57	0.16
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	277	12:42	0	-	2.15	2.22	2.22	93	0.07
AZURE POWER THIRTY FOUR PRIVATE LTD( 1 * 130 )	130	0	0	0	131	12:51	0	-	0.92	1	1	42	0.08
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	1.09	1.7	1.7	71	0.61
CLEAN SOLAR POWER (BHADLA) PVT LTD( 1 * 300 )	300	0	0	0	303	12:48	0	-	2.33	2.38	2.38	99	0.05
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	250	12:36	0	-	1.95	2.01	2	83	0.05
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	-	1.48	1.49	1.49	62	0.01
EDEN RENEWABLE ALMA PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.27	1.29	1.29	54	0.02
EDEN RENEWABLE CITE PRIVATE LIMITED( 1 * 300 )	300	0	0	0	306	11:58	0	-	2.27	2.34	2.34	98	0.07
FATEHGARH SOLAR PV PROJECT(1*296)	296	0	0	0	300	13:42	0	-	2.34	2.34	2.29	95	-0.05
GORBEA SOLAR PRIVATE LIMITED	100	0	0	0	0	-	0	-	1.67	1.77	1.77	74	0.1
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	90	09:31	0	-	0.65	0.7	0.7	29	0.05
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	84	15:17	0	-	0.58	0.58	0.58	24	0
JUNA RENEWABLE ENERGY PRIVATE LIMITED	168	0	0	0	0	-	0	-	1.44	1.44	1.44	60	0
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	40	15:16	0	-	0.29	0.29	0.29	12	0
KARNISAR SOLAR PLANT NHPC LIMITED	107	0	0	0	0	-	0	-	1.05	1.19	1.19	50	0.14
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	250	0	0	0	0	-	0	-	1.66	1.58	1.58	66	-0.08
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	3.53	3.53	3.53	147	0
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED( 1 * 50 )	50	0	0	0	49	13:16	0	-	0.35	0.38	0.38	16	0.03
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED( 1 * 50 )	50	0	0	0	48	13:10	0	-	0.37	0.38	0.38	16	0.01
M/S AZURE POWER FORTY ONE PRIVATE LIMITED( 1 * 300 )	300	0	0	0	297	12:00	0	-	2.27	2.28	2.28	95	0.01
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	88	09:33	0	-	0.65	0.69	0.69	29	0.04
MEGA SOILS RENEWABLE PRIVATE LIMITED( 1 * 250 )	250	0	0	0	0	-	0	-	1.82	1.93	1.93	80	0.11
MEGA SURYAURJA PVT LTD( 1*250 )	250	0	0	0	0	-	0	-	1.9	1.92	1.92	80	0.02
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.51	0.51	0.51	21	0
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	158	0	0	0	0	-	0	-	1.09	1.09	1.09	45	0
NOKHRA SOLAR POWER NTPC	300	0	0	0	0	-	0	-	1.71	1.7	1.7	71	-0.01
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)( 1 * 300 )	300	0	0	0	298	12:03	0	-	2.21	2.26	2.26	94	0.05
RENEW SURYA RAVI PVT LTD(1*300)	300	0	0	0	225	15:07	0	-	1.57	1.65	1.65	69	0.08
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	293	12:03	0	-	2.15	2.29	2.29	95	0.14
RENEW SOLAR POWER PVT LTD( 50 )	50	0	0	0	240	12:03	0	-	0.4	1.72	1.72	72	1.32
RENEW SOLAR POWER PVT LTD. BIKANER( 1 * 250 )	250	0	0	0	0	-	0	-	1.74	1.69	1.69	70	-0.05
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	299	12:30	0	-	2.16	2.25	2.25	94	0.09
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	306	12:24	0	-	2.16	2.33	2.33	97	0.17
RENEW SURYA JYOTI PRIVATE LIMITED	185	0	0	0	0	-	0	-	1.26	1.16	1.16	48	-0.1
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	204	13:25	0	-	1.55	1.62	1.61	67	0.06
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	2.12	2.33	2.33	97	0.21
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	100	13:25	0	-	0.72	0.77	0.77	32	0.05
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	210	12:36	0	-	1.54	1.55	1.54	64	0
SB ENERGY FOUR PVT LTD( 2 * 100 )	200	0	0	0	191	13:09	0	-	1.38	1.46	1.46	61	0.08
SB ENERGY SIX PRIVATE LIMITED( 1 * 300 )	300	0	0	0	304	13:51	0	-	2.21	2.44	2.44	102	0.23
SJVN GREEN ENERGY LIMITED	242	0	0	0	411	15:17	0	-	2.51	2.96	2.92	122	0.41
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED _BKN2	168	0	0	0	0	-	0	-	1.22	1.27	1.27	53	0.05
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	176	0	0	0	225	09:19	0	-	1.56	1.64	1.64	68	0.08
SINGRAULI SOLAR( 15 )	15	0	0	0	0	-	0	-	0.04	0.04	0.03	1	-0.01
SOLZEN URJA PRIVATE LIMITED( 1 * 300 )	300	0	0	0	270	12:06	0	-	2.02	2	2	83	-0.02
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	0	-	0	-	0.17	0.17	0.17	7	0
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	228	11:48	0	-	1.53	1.64	1.64	68	0.11
TATA POWER RENEWABLE ENERGY LTD( 1 * 300 )	300	0	0	0	295	12:11	0	-	2.1	2.17	2.11	88	0.01
TATA POWER SAURYA LIMITED	110	0	0	0	83	14:50	0	-	0.58	0.61	0.61	25	0.03
THAR SURYA IPRIVATE LIMITED(1*300)	300	0	0	0	301	12:31	0	-	2.23	2.34	2.34	98	0.11
TRANSITION ENERGY SERVICES PRIVATE LIMITED	84	0	0	0	0	-	0	-	0.41	0.61	0.61	25	0.2
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.65	0.7	0.7	29	0.05
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	0	-	0	-	0.33	0.35	0.35	15	0.02
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.37	0.32	0.32	13	-0.05
UNCHAHAR SOLAR( 10 )	10	0	0	0	3	14:00	0.16	08:00	0.03	0.01	0.01	0	-0.02
XL XERGI POWER PRIVATE LIMITED	400	0	0	0	235	15:11	0	-	1.65	1.78	1.76	73	0.11



Sub-Total	18,398	0	0	0	-	-	-	-	132.79	139	138.7	5,781	5.91
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	585	13:25	0	-	5.49	5.36	5.35	223	-0.14
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	272	286	488	-	0	-	5.73	6.4	6.4	267	0.67
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	367	13:06	0	-	3.01	2.97	2.97	124	-0.04
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	50	69	84	02:15	0	-	0.95	1.4	1.4	58	0.45
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	300	-	0	-	2.86	2.85	2.85	119	-0.01
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	0	0	0	-	0	-	0.66	0.79	0.79	33	0.13
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	298	15:30	0	-	2.86	2.93	2.93	122	0.07
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	25	40	71	05:15	0	-	0.66	0.84	0.84	35	0.18
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	421	12:31	0	-	3.34	3.28	3.28	137	-0.06
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	32	67	99	01:00	0	-	1.21	1.46	1.46	61	0.25
Sub-Total	2,846	0	379	462	-	-	-	-	26.77	28.28	28.27	1,179	1.5
Total	23,150	1,936	2,334	2,175					201.93	210.21	209.33	8,724	7.4

Summary Section						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	66,474	33,080	31,102	865.39	814.34	33,931
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		8,471	8,101	307.19	307.19	18,640
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		-32	-60	1.29	1.29	70
Total Regional Availability(Gross)	118,107	65,750	60,922	1,857.68	1,781.21	80,075

Total Hydro Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	12,843	11,465	278.25	273.69	11,402
State Control Area Hydro	7,855	4,747	4,635	141.02	140.79	5,867
Total Regional Hydro	22,577	17,590	16,100	419.27	414.48	17,269

Total Renewable Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	21,489	379	462	169.49	169.18	7,052
State Control Area Renewable	13,630	1,623	1,398	99.8	99.58	4,150
Total Regional Renewable	35,119	2,002	1,860	269.29	268.76	11,202

Total Solar Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	20,623	0	0	158.6	158.29	6,598
State Control Area Solar	8,586	77	55	55.29	55.29	2,304
Total Solar	29,209	77	55	213.89	213.58	8,902

Total Wind Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	379	462	10.89	10.89	454
State Control Area Wind	4,328	1,414	1,213	37.98	37.98	1,583
Total Wind	5,194	1,793	1,675	48.87	48.87	2,037

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	0.1	-0.1
2	132KV-Chandauli (UP)-Karmnasa(PG)	-	-	-	-	-	-	-
3	132KV-Rihand (UP)-Garhwa(CG)	-	-	-	-	0	0.62	-0.62
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	0.68	0	0.68
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	1.01	0	1.01
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	0.66	0	0.66
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	2.8	0	2.8
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	10.5	0	10.5
10	400KV-Gorakhpur (UP)-Motihari(DMT)	-364	-390	436	0	6.96	0	6.96
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	-568	-686	730	0	11.56	0	11.56
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	2.5	0	2.5

Import/Export between EAST REGION and NORTH REGION								
13	400KV-Varanasi (PG)-Sasaram(PG)	-52	-38	105	0	1.28	0	1.28
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	9.58	0	9.58
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	6.56	0	6.56
16	765KV-Varanasi (PG)-Gaya(PG)	-671	-876	891	281	9.88	0	9.88
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	750	750	750	-	17.5	0	17.5
Sub-Total EAST REGION		-905	-1,240	2,912	281	81.47	0.72	80.75
Import/Export between NORTH_EAST REGION and NORTH REGION								
1	HVDC800KV-Agra (PG)-Biswanath Charialli(PG)	350	350	350	-	8.44	0	8.44
Sub-Total NORTH_EAST REGION		350	350	350	0	8.44	0	8.44
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)	-97	-48	-	195	0	2.04	-2.04
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	116	118	138	-	2.73	0	2.73
6	220KV-Ranpur (RS)-Bhanpura(MP)	107	106	118	-	2.5	0	2.5
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-252	-562	633	438	3.12	0	3.12
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	6.55	-6.55
10	400KV-RAPS C (NP)-Sujalpur	284	454	514	507	0.04	0	0.04
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-706	-755	0	-810	0	12.95	-12.95
13	765KV-0rai-Jabalpur	2,042	2,177	2,538	0	31.87	0	31.87
14	765KV-0rai-Satna	981	1,031	1,082	0	19.21	0	19.21
15	765KV-Agra (PG)-Gwalior(PG)	1,563	1,594	2,126	-	24.04	0	24.04
16	765KV-Chittorgarh-Banaskata D/C	836	443	156	2,007	0	14.3	-14.3
17	765KV-Phagi (RJ)-Gwalior(PG)	1,630	1,966	2,032	-743	22.39	0	22.39
18	765KV-Varanasi (PG)-Vindhyachal(PG)	-1,977	-2,032	2,413	0	37.36	0	37.36
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	1,499	1,499	1,503	0	34.57	0	34.57
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	-	-	-	-	3.65	0	3.65
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	3,000	3,000	4,000	0	72.36	0	72.36
Sub-Total WEST REGION		9,026	8,991	17,253	1,594	253.84	35.84	218
TOTAL IR EXCHANGE		8,471	8,101	20,515	1,875	343.75	36.56	307.19

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	99.22	7.48	0	-1.06	0	82.44	80.75	-1.69
NR-NORTH_EAST REGION	0	0	0	0	0	0	8.44	8.44
NR-WR	211.3	105.82	0	-27.93	0	248.79	218	-30.79
Total	310.52	113.3	0	-28.99	0	331.23	307.19	-24.04

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)	-32	-60	70.464	0	1.29	0	1.29	0
132KV-Nautanwa (UP)-Mainhiya (Nepal)							0	0

5.Frequency Profile

RANGE(Hz)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
%	0	0	.22	4.92	42.06	79.93	11.28	3.87	0	15.15
<-----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.	
50.16	10:57:10	49.77	08:37:20	50	0.029	0.054	50.12	49.83	0.00

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index (% of time)
					< 380	< 390	> 420	> 430	
Abdullapur(PG) - 400KV	413	18:45	399	11:45	0	0	0	0	0
Amritsar(PG) - 400KV	406	18:55	387	12:25	0	21.88	0	0	0
Ballabgarh(PG) - 400KV	407	07:40	388	11:45	0	3.82	0	0	0
Bareilly II(PG) - 400KV	411	16:15	398	21:35	0	0	0	0	0

Bareilly(UP) - 400KV	412	16:15	398	21:35	0	0	0	0	0
Baspa(HP) - 400KV	408	18:50	395	07:50	0	0	0	0	0
Bassi(PG) - 400KV	412	18:00	391	11:45	0	0	0	0	0
Bawana(DTL) - 400KV	410	17:30	397	11:45	0	0	0	0	0
Dadri HVDC(PG). - 400KV	407	07:55	393	11:45	0	0	0	0	0
Gorakhpur(PG) - 400KV	415	15:05	394	21:40	0	0	0	0	0
Hisar(PG) - 400KV	412	18:00	390	11:45	0	.35	0	0	0
Kanpur(PG) - 400KV	413	16:05	396	21:35	0	0	0	0	0
Kashipur(UT) - 400KV	415	17:35	409	21:40	0	0	0	0	0
Kishenpur(PG) - 400KV	406	01:55	396	12:10	0	0	0	0	0
Moga(PG) - 400KV	407	18:55	390	11:45	0	2.43	0	0	0
Nallagarh(PG) - 400KV	408	18:50	395	07:50	0	0	0	0	0
Rihand HVDC(PG) - 400KV	400	13:20	391	22:45	0	0	0	0	0
Rihand(NT) - 400KV	401	13:15	394	21:35	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	800	16:20	771	21:35	0	0	0	0	0
Balia(PG) - 765KV	774	15:05	741	21:40	0	.35	0	0	0
Bareilly II(PG) - 765KV	784	16:15	754	21:35	0	0	0	0	0
Bhiwani(PG) - 765KV	793	17:30	759	12:10	0	0	0	0	0
Fatehpur(PG) - 765KV	785	16:05	752	21:40	0	0	0	0	0
Jhatikara(PG) - 765KV	787	17:30	750	11:45	0	0	0	0	0
Lucknow II(PG) - 765KV	780	16:00	745	21:35	0	0	0	0	0
Meerut(PG) - 765KV	785	17:35	753	11:45	0	0	0	0	0
Moga(PG) - 765KV	790	16:30	748	11:45	0	0	0	0	0
Phagi(RJ) - 765KV	799	16:30	767	11:45	0	0	0	0	0
Unnao(UP) - 765KV	768	08:50	735	21:35	0	17.71	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	1,844.52	6.72	0	1,151.76	0	0	0	2,132.46	0.01	-899.92	-399.53	0	-150	-50
HARYANA	2,478.71	2.33	-122.92	0.1	0	0	0	2,556.31	0.01	0.12	24.51	0	0	0
RAJASTHAN	1,016.31	-22.01	-21.62	863.82	0	0	0	1,278.23	-38.35	-29.99	287.07	0	0	0
DELHI	999.37	0.77	-85	150.29	0	0	0	1,449.64	0.61	5.56	-243.11	0	0	0
UTTAR PRADESH	605.01	95.95	-519.44	152.19	0	0	0	1,476.46	-0.26	-4.67	57.72	0	0	5.2
UTTARAKHA ..	-539.68	-6.7	85.42	-175	0	0	0	-392.01	-13.2	13.64	0	0	0	0
HIMACHAL PRADESH	-814.21	-90.2	-26.64	93.37	0	0	0	-915.21	-90.2	-58.66	100.17	0	0	0
J&K(UT) & LADAKH(UT)	-400	-41.1	-14.4	-703.9	0	0	0	-522	-56.7	-16.3	47.45	0	0	0
CHANDIGARH	79.5	0	-96.5	-63	0	0	0	103.01	0	-50	-112	0	0	0
RAILWAYS_NRI	35.95	20.89	4.03	0	0	0	0	35.95	0.07	0.66	3.95	0	0	0
TOTAL	5,305.48	-33.35	-797.07	1,469.63	0	0	0	7,202.84	-198.01	-1,039.56	-233.77	0	-150	-44.8

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	128.61	47.39	0.04	-7.06	37.1	206.08
HARYANA	146.94	64.23	0.91	-2.42	0.88	210.1
RAJASTHAN	114.06	25.01	-0.74	-3.96	5.83	140.2
DELHI	99.28	26.24	0.28	2.56	3.05	131.41
UTTAR PRADESH	207.91	11.89	1.45	-15.42	-0.2	205.54
UTTARAKHAND	32.61	-9.66	-0.14	3.68	-4.66	20.68
HIMACHAL PRADESH	12.98	-18.8	-1.93	-0.64	2.48	-5.91
J&K(UT) & LADAKH(UT)	43.22	-4.95	-0.7	-0.24	-8.76	28.57
CHANDIGARH	7.43	1.54	0	-1.1	-0.92	6.95
RAILWAYS_NR ISTS	2.52	0.86	0.13	0.14	0.05	3.7
TOTAL	795.56	143.75	-0.7	-24.46	34.85	947.32

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	5,535.37	5,121.63	2,420.4	1,556.58	10.56	0	0	0
HARYANA	6,882.45	5,488.76	3,139.36	1,486.98	107.4	0	0	0
RAJASTHAN	5,211.09	3,727.11	1,335.9	794.27	23.44	-72.7	0	0
DELHI	4,582.57	3,630.47	1,487.39	745.11	260.3	0	0	0
UTTAR PRADESH	10,970.19	6,539.9	1,658.51	-146.43	159.14	-8.7	0	0
UTTARAKHAND	1,532.35	1,139.97	-316.88	-629.68	-1.57	-19.2	0	0
HIMACHAL PRADESH	990.75	-4.55	-488.33	-915.21	-48.19	-90.2	0	0
J&K(UT) & Ladakh(UT)	1,873.37	1,740.19	0	-522	0	-56.7	0	0
CHANDIGARH	355.56	246.87	103.01	29.07	0	0	0	0
RAILWAYS_NR ISTS	120.07	78.06	35.95	35.95	21.15	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	6.72	-1,550	0	-150	3,098.14	-600	0	-50
HARYANA	3.56	-627.98	0	0	575.88	-500	0	0
RAJASTHAN	801.19	-1,260.38	0	0	1,246.98	-1,000	0	0
DELHI	668.02	-463	0	0	547.09	-401.53	0	0
UTTAR PRADESH	235.15	-4,537.13	0	-106	652.86	-1,246.28	26.17	0
UTTARAKHAND	408.3	0	0	0	0	-376.39	0	0
HIMACHAL PRADESH	19.12	-63.67	0	0	444.79	-129.68	0	0
J&K(UT) & LADAKH(UT)	0	-16.3	0	0	122.48	-900	0	0
CHANDIGARH	28.79	-135	0	0	41.27	-140	0	0
RAILWAYS_NR ISTS	24.95	0	0	0	17.28	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	500.89	1,127	492.74	828	1,579.31	625.24
Chamera-I	748.75	760	753.95	756.92	13	-	-	456.56	351.32
Gandhisagar	381	399.9	725	-	-	-	-	-	0
Jawahar Sagar	295.96	298.7	2.01	-	-	-	-	-	0
Koteshwar	598.5	612.5	610.73	610.15	5	610.4	5	431	460.51
Pong	384.05	426.72	1,084	419.49	862	407.45	416	1,371.95	637.72
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	517.25	286	495.81	63	510.81	293.28
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	808.85	747	816.15	882	599.58	431
TOTAL	-	-	-	-	3,040	-	2,194	4,949.21	2,799.07

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	4.86
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	25
UP	0
Punjab	7.99

Haryana	5.56
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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	5	23
HARYANA	5	16
HIMACHAL PRADESH	6	20
J&K(UT) & Ladakh(UT)	7	17
PUNJAB	5	13
RAJASTHAN	11	22
UTTAR PRADESH	1	7
UTTARAKHAND	8	22

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

	Inst Capacity	20:00	03:00	Day Peak			
Station/Constituents	(MW)	Peak MW	Off Peak MW	MW	HRS	Net MU	AVG MW
NCR_GENERATION	9225	5,463	4,133	5883	19:15:00	102.35	4,264
NCR_DRAWAL	-	14,371	13,681	16184	14:45:00	336.61	14,025
NCR_DEMAND	-	19,834	17,814	20960	22:15:00	438.95	18,290
LADAKH_DEMAND	-	11	-9	11	20:00:00	-0.03	-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)	0.24	140	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