



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

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

Date of Reporting:04-Oct-2025

1. Regional Availability/Demand:

Evening Peak (19:00) 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
68,754	0	68,754	50.05	53,366	0	53,366	50.01	1,483	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	84.07	25.05	0	3.68	0	1.72	114.51	129.53	128.79	-0.74	243.3	0	243.3
HARYANA	49.5	0.79	0.44	1.02	0	1.16	52.91	174.06	173.14	-0.92	226.05	0	226.05
RAJASTHAN	134.78	2.84	1.93	28.94	4.05	6.03	178.57	126.55	123.78	-2.77	302.35	0	302.35
DELHI	0	0	4.4	0	0	1.48	5.88	113.89	113.32	-0.57	119.2	0	119.2
UTTAR PRADESH	254.51	24.6	0	11	0	0.6	290.71	163.45	163.25	-0.2	453.96	0	453.96
UTTARAKHAND	0	20.98	0	0.67	0	0	21.65	22.77	23.04	0.27	44.69	0	44.69
HIMACHAL PRADESH	0	27.33	0	0.13	0	0	27.46	8.46	7.13	-1.33	34.59	0	34.59
J&K(UT) & Ladakh(UT)	0	17.64	0	0	0	0	17.64	29.95	30.41	0.46	48.05	0	48.05
CHANDIGARH	0	0	0	0	0	0	0	5.83	6.05	0.22	6.05	0	6.05
RAILWAYS_NR ISTS	0	0	0	0	0	0	0	3.92	4.28	0.36	4.28	0	4.28
Region	522.86	119.23	6.77	45.44	4.05	10.99	709.33	778.41	773.19	-5.22	1,482.52	0	1,482.52

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

State	Evening Peak (19:00) 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	10,642	0	-74	825	10,120	7,233	0	-482	193
HARYANA	10,617	0	-193	833	9,531	8,255	0	-51	1,736
RAJASTHAN	13,125	0	-341	1,258	12,628	10,979	0	-131	866
DELHI	5,619	0	34	923	4,963	4,069	0	151	1,130
UTTAR PRADESH	21,684	0	-290	704	18,829	18,605	0	-95	932
UTTARAKHAND	2,298	0	16	155	1,864	1,486	0	70	-315
HIMACHAL PRADESH	1,651	0	-43	-184	1,437	971	0	-130	-795
J&K(UT) & Ladakh(UT)	2,615	0	176	-578	2,002	1,369	0	56	-1,375
CHANDIGARH	299	0	27	-45	252	197	0	14	-45
RAILWAYS_NR ISTS	204	0	35	71	178	202	0	33	73
Region	68,754	0	-653	3,962	61,804	53,366	0	-565	2,400

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	11,706	15:00	0	11,706	11,706	15:00	0	11,706	7,233	3:00	1,674.28	19:24:00	-542.61	06:29:00
HARYANA	10,857	14:00	0	10,857	10,857	14:00	0	10,857	7,829	2:00	491.29	20:17:00	-1,839.36	14:09:00
RAJASTHAN	13,581	14:00	0	13,581	13,581	14:00	0	13,581	10,787	4:00	1,690.47	11:52:00	-3,369.43	19:24:00
DELHI	5,816	15:00	0	5,816	5,816	15:00	0	5,816	3,771	5:00	187.94	19:41:00	-1,303.49	14:09:00
UP	22,365	18:00	0	22,365	22,365	18:00	0	22,365	15,635	7:00	1,390.7	17:22:00	-1,463.44	19:24:00
UTTARAKHA ...	2,466	18:00	0	2,466	2,466	18:00	0	2,466	1,464	2:00	207.35	13:31:00	-810.25	19:24:00
HP	1,733	18:00	0	1,733	1,733	18:00	0	1,733	971	3:00	264.93	07:01:00	-260.07	14:09:00
J&K(UT)&Lad ...	2,615	19:00	0	2,615	2,615	19:00	0	2,615	1,090	5:00	536.15	05:06:00	-387.86	09:33:00
CHANDIGARH	299	19:00	0	299	299	19:00	0	299	193	4:00	10.94	01:13:00	-83.7	19:24:00
RAILWAYS_NR ISTS	218	1:00	0	218	218	1:00	0	218	133	13:00	0	-	0	-
NR	69,143	18:00	0	69,143	69,143	18:00	0	69,143	53,366	3:00	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	19:00	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	-2	-1.08	01:00	0		0	-0.05	-2
DELHI GAS TURBINES( 3 * 34 + 6 * 30 )	282	38	39	39.04	03:00	0		0.91	0.86	36
PRAGATI GAS TURBINES( 1 * 121.2 + 2 * 104.6 )	331	149	152	152.05	13:00	0		3.67	3.59	150
RITHALA GPS( 3 * 36 )	108	0	0	0		0				
Total GAS/NAPTHA/DIESEL	2,091	184	189					4.58	4.4	184
WIND	0	0	0	0		0				
BIOMASS( 52 )	52	53	47	0		0		1.5	1.48	62
SOLAR( 2 )	2	0	0	0		0				
Total DELHI	2,145	237	236					6.08	5.88	246

HARYANA										
Station/Constituents	Inst. Capacity	19:00	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	531	351	531	20:00	341	13:15	9.4	8.49	354
JHAJJAR(CLP)( 2 * 660 )	1,320	1,212	381	1,215	21:00	374	08:00	15.92	14.71	613
MAGNUM DIESEL (IPP)( 4 * 6.3 )	25	0	0	0		0				
PANIPAT TPS( 1 * 210 + 2 * 250 )	710	459	359	459	20:00	352	08:15	9.61	8.67	361
RGTPP( KHEDAR)( 2 * 600 )	1,200	982	716	982	20:00	701	10:30	18.16	17.62	734
Total THERMAL	3,855	3,184	1,807					53.09	49.49	2,062
FARIDABAD GPS( 1 * 156.07 + 2 * 137.75 )	432	134	0	237	19:00	0		0.44	0.44	18
Total GAS/NAPTHA/DIESEL	432	134	0					0.44	0.44	18
TOTAL HYDRO HARYANA(64.8)	65	32	32	33	16:00	25	10:45	0.79	0.79	33
Total HYDEL	65	32	32					0.79	0.79	33
WIND	0	0	0	0		0				
BIOMASS( 106 )	106	0	0	0		0		1.16	1.16	48
SOLAR(196)	196	0	0	0		0		1.02	1.02	43
Total HARYANA	4,654	3,350	1,839					56.5	52.9	2,204

HIMACHAL PRADESH										
Station/Constituents	Inst. Capacity	19:00	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	44	38	99	01:00	36	06:00	1.31	1.31	55
BASPA (IPP) HPS( 3 * 100 )	300	246	250	279	23:30	105	16:00	4.71	4.71	196
MALANA (IPP) HPS( 2 * 43 )	86	59	42	61	18:00	30	11:00	1.05	1.05	44
MALANA2( 2 * 50 )	100	0	0	0		0				
SAWARA KUDDU( 3 * 37 )	111	111	37	111	08:00	0	17:00	1.22	1.22	51
OTHER HYDRO HP( 503.75 )	504	301	250	0		0		6.38	6.37	265
Total HYDEL	1,281	761	617					14.67	14.66	611
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	532	536	0		0		12.7	12.68	528
Total SMALL HYDRO	765	532	536					12.7	12.68	528
Total HP	2,065	1,293	1,153					27.5	27.47	1,144

J&K(UT) & LADAKH(UT)										
Station/Constituents	Inst. Capacity	19:00	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	593	593	684	22:00	0		14.49	14.49	604
OTHER HYDRO/IPP J&K( 308 )	308	134	121	154	21:00	0		3.16	3.16	132
Total HYDEL	1,208	727	714					17.65	17.65	736
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	727	714					17.65	17.65	736

PUNJAB										
Station/Constituents	Inst. Capacity	19:00	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	290	491	19:00	290	01:00	8.65	7.81	325
GURU GOBIND SINGH TPS (ROPAR)( 4 * 210 )	840	599	586	608	21:00	563	17:00	15.5	13.89	579
GURU HARGOBIND SINGH TPS (LEHRA MOHABBAT)( 2 * 210 + 2 * 250 )	920	566	460	722	23:59	460	01:00	12.85	11.63	485
RAJPURA(NPL) TPS( 2 * 700 )	1,400	1,320	660	1,320	17:00	660	03:00	24.59	23.38	974
TALWANDI SABO TPS( 3 * 660 )	1,980	1,805	924	1,810	21:00	924	01:00	29.46	27.36	1,140
Total THERMAL	5,680	4,781	2,920					91.05	84.07	3,503
ANANADPUR SAHIB HYDRO PLANT( 2 * 33.5 + 2 * 33.5 )	134	108	108	108	01:00	108	01:00	2.69	2.69	112
MUKERIAN HYDRO PLANT( 6 * 15 + 6 * 19.5 + 2 * 9 )	225	186	178	186	01:00	178	03:00	4.4	4.39	183
RANJIT SAGAR POWER PLANT ( 4 * 150 )	600	602	612	612	01:00	600	07:00	14.64	14.59	608
SHANAN( 4 * 15 + 1 * 50 )	110	62	62	62	01:00	62	01:00	1.51	1.51	63
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		1.87	1.87	78
Total HYDEL	1,161	958	960					25.11	25.05	1,044
WIND	0	0	0	0		0				
BIOMASS( 303 )	303	0	0	0		0		1.72	1.72	72
SOLAR( 881 )	881	55	53	406	12:00	52	18:00	3.68	3.68	153
Total PUNJAB	8,025	5,794	3,933					121.56	114.52	4,772

RAJASTHAN										
Station/Constituents	Inst. Capacity	19:00	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	210	210	210	01:00	210	06:00	5.12	4.5	188
CHHABRA TPS( 2 * 660 + 4 * 250 )	2,320	1,270	999	1,296	22:00	887	15:00	29.59	27.12	1,130
GIRAL (IPP) LTPS( 2 * 125 )	250	0	0	0		0				
KALISINDH TPS( 2 * 600 )	1,200	945	993	1,010	09:00	638	13:00	23.55	21.75	906
KAWAI TPS( 2 * 660 )	1,320	621	598	625	18:00	356	12:00	13.57	12.69	529
KOTA TPS( 2 * 110 + 2 * 195 + 3 * 210 )	1,240	938	749	982	11:00	743	16:00	22.81	20.24	843
RAJWEST (IPP) LTPS( 8 * 135 )	1,080	660	791	794	01:00	560	13:00	18.48	16	667
SURATGARH TPS ( 6 * 250 + 2 * 660(SSCTPS))	2,820	1,546	1,223	1,549	18:00	1,164	16:00	35.05	32.48	1,353
VSLPP (IPP)( 1 * 135 )	135	0	0	0		0				
Total THERMAL	10,615	6,190	5,563					148.17	134.78	5,616
DHOLPUR GPS( 3 * 110 )	330	0	0	0		0				
RAMGARH GPS( 1 * 110 + 1 * 35.5 + 1 * 50 + 2 * 37.5 )	271	79	78	79	23:00	78	08:00	2	1.93	80
Total GAS/NAPTHA/DIESEL	601	79	78					2	1.93	80
RAPS-A( 1 * 100 + 1 * 200 )	300	176	176	179	00:00	176	18:00	4.67	4.33	180
Total NUCLEAR	300	176	176					4.67	4.33	180
TOTAL HYDRO RAJASTHAN( 550 )	550	119	119	119	10:00	118	16:00	2.85	2.84	118
Total HYDEL	550	119	119					2.85	2.84	118
WIND( 1 * 4328 )	4,328	387	117	671	21:00	13	12:00	4.05	4.05	169
BIOMASS( 102 )	102	71	71	71	01:00	71	06:00	1.7	1.7	71
SOLAR(6560)	6,560	1	0	4,533	13:00	0		28.94	28.94	1,206
Total RAJASTHAN	23,056	7,023	6,124					192.38	178.57	7,440

UTTAR PRADESH										
Station/Constituents	Inst. Capacity	19:00	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	1,253	1,224	1,338	02:00	901	15:00	30.1	28	1,167
ANPARA-C TPS( 2 * 600 )	1,200	1,105	1,078	1,110	22:00	319	14:00	22.1	20.4	850
ANPARA-D TPS( 2 * 500 )	1,000	932	937	941	16:00	558	08:00	21.6	20.3	846
BAJAJ ENERGY PVT LTD (IPP) TPS( 10 * 45 )	450	366	203	366	19:00	203	01:00	5.6	5	208
BARA PPGCL TPS( 3 * 660 )	1,980	1,089	1,098	1,422	23:59	688	09:00	25.1	23.2	967
GHATAMPUR TPS (2*660)	1,320	0	521	527	01:00	0	12:00	5.3	4.8	200
HARDUAGANJ TPS( 1 * 110 + 2 * 250 + 1*660)	1,270	800	623	1,151	14:00	327	23:59	17.1	15.5	646
INFIRM POWER	660	0	0	0		0				
JAWAHARPUR TPS(2*660)	1,320	762	637	762	19:00	185	08:00	16	14.4	600
JP CHURK( 3 * 60 )	180	0	0	0		0				
KHURJA TPS(2 * 660)	1,320	617	652	684	17:30	356	07:46	13.69	12.71	530
LALITPUR TPS( 3 * 660 )	1,980	1,553	1,013	1,811	12:00	1,013	01:00	30.4	28.5	1,188
MEJA TPS( 2 * 660 )	1,320	1,216	1,139	1,239	23:00	685	12:00	24.7	23.2	967
OBRA TPS ( 5 * 200+2*660 )	2,320	1,046	960	1,049	12:00	799	16:00	24.2	21.8	908
PANKI_I TPS(1 * 660)	660	347	334	504	12:00	327	06:00	9.7	8.7	363
PARICHA TPS( 2 * 210 + 2 * 250 )	920	766	486	766	19:00	474	09:00	13.2	12	500
ROSA TPS( 4 * 300 )	1,200	1,073	609	1,073	19:00	599	05:00	17.5	16	667
Total THERMAL	20,730	12,925	11,514					276.29	254.51	10,607
ALAKHANANDA HEP( 4 * 82.5 )	330	251	301	353	21:00	164	20:00	6.9	6.9	288
RIHAND HPS( 6 * 50 )	300	280	280	280	01:00	200	20:00	6.4	6.4	267
VISHNUPARYAG HPS( 4 * 110 )	440	356	296	356	19:00	227	10:00	7.1	7.1	296
OTHER HYDRO UP( 227 )	227	178	175	183	12:00	155	20:00	4.2	4.2	175
Total HYDEL	1,297	1,065	1,052					24.6	24.6	1,026
WIND	0	0	0	0		0				
BIOMASS( 26 )	26	0	0	0		0				
SOLAR( 2729)	2,729	0	0	1,327	12:00	0	01:00	11	11	458
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	26,142	14,015	12,591					312.49	290.71	12,116

UTTARAKHAND										
Station/Constituents	Inst. Capacity	19:00	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	919	916	926	09:00	777	16:00	21.05	20.98	874
Total HYDEL	1,250	919	916					21.05	20.98	874
WIND	0	0	0	0		0				
BIOMASS( 127 )	127	0	0	0		0				
SOLAR( 278)	278	0	0	89	12:00	10	07:00	0.67	0.67	28
SMALL HYDRO( 180 )	180	0	0	0		0				
Total SMALL HYDRO	180	0	0					0	0	0
Total UTTARAKHAND	2,510	919	916					21.72	21.65	902

(B) Regional Entities Generation														
Station/Constituents	Inst. Capacity	Declared Capacity	19:00	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	1,406	1,481	892	1,488	18:00	820	10:30	22.46	24.8	23.06	0.42	961	0.18
Sub-Total	1,500	1,406	1,481	892	-	-	-	-	22.46	24.8	23.06	0.42	961	0.18
BBMB														
BHAKRA HPS( 5 * 126 + 5 * 157 )	1,415	1,370	1,394	1,080	1,394	19:00	954	13:00	28.57	29.25	28.85	0	1,202	0.28
DEHAR HPS( 6 * 165 )	990	480	495	445	495	19:00	305	10:00	9.66	9.97	9.75	0	406	0.09
PONG HPS( 6 * 66 )	396	352	360	360	360	19:00	360	03:00	8.45	8.67	8.47	0	353	0.02
Sub-Total	2,801	2,202	2,249	1,885	-	-	-	-	46.68	47.89	47.07	0	1,961	0.39
NHPC														
BAIRASIUL HPS( 3 * 60 )	180	178	182	62	185	06:45	11.04	18:00	1.86	1.98	1.96	0	82	0.1
CHAMERA I HPS( 3 * 180 )	540	540	419	359	423	07:00	0	-	5.35	5.23	5.16	0	215	-0.19
CHAMERA II HPS( 3 * 100 )	300	312	301	155	303	20:00	0	14:00	3.39	3.46	3.43	0	143	0.04
CHAMERA III HPS( 3 * 77 )	231	240	218	75	224	07:00	0	08:00	1.5	1.47	1.46	-0.05	61	0.01
DHAULIGANGA HPS( 4 * 70 )	280	0	0	141	281	07:00	0	08:00	1.17	1.21	1.21	0	50	0.04
DULHASTI HPS( 3 * 130 )	390	333	339	339	352	14:00	338	22:00	7.99	8.22	8.11	0	338	0.12
KISHANGANGA( 3 * 110 )	330	326	329	0	329	19:00	136.2	17:00	2.31	2.39	2.37	0	99	0.06
PARBATI III HEP( 4 * 130 )	520	370	380	84	382	07:00	0	-	3.45	3.69	3.65	0	152	0.2
PARBATI-II( 4 * 200 )	800	792	779	321	783	20:00	220	11:00	8.44	8.99	8.61	0	359	0.17
SALAL HPS( 6 * 115 )	690	683	0	0	0	-	0	-	10.83	10.85	10.85	0	452	0.02
SEWA-II HPS( 3 * 40 )	120	119	119	39	120	21:00	24.67	12:00	1.63	1.67	1.64	0	68	0.01
TANAKPUR HPS( 1 * 31.42 + 2 * 31.4 )	94	102	106	105	106	19:00	105.12	18:00	2.26	2.53	2.5	0	104	0.24
URI HPS( 4 * 120 )	480	474	165	192	477	09:45	82	06:00	4.5	5	4.95	0	206	0.45
URI-II HPS( 4 * 60 )	240	70	111	172	223	10:00	80.12	17:00	2.65	2.88	2.85	0	119	0.2
Sub-Total	5,195	4,539	3,448	2,044	-	-	-	-	57.33	59.57	58.75	-0.05	2,448	1.47
NPCL														
NAPS( 2 * 220 )	440	189	212	216	217	21:00	0	-	4.54	5.03	4.41	0	184	-0.13
RAPP-D	700	295	0	0	0	-	0	-	7.08	8.5	7.22	0	301	0.14
RAPS-B( 2 * 220 )	440	342	388	389	395	08:00	0	-	8.21	9.39	8.29	0	345	0.08
RAPS-C( 2 * 220 )	440	408	450	451	454	08:00	0	-	9.79	10.82	9.75	0	406	-0.04
Sub-Total	2,020	1,234	1,050	1,056	-	-	-	-	29.62	33.74	29.67	0	1,236	0.05
NTPC														
ANTA GPS( 1 * 153.2 + 3 * 88.71 )	419	273	157	0	158	18:53	0	-	0.18	0.27	0.24	0	10	0.06
AURAIYA GPS( 2 * 109.3 + 4 * 111.19 )	663	635	404	0	404	19:00	0	-	0.47	0.57	0.5	0	21	0.03
DADRI GPS( 2 * 154.51 + 4 * 130.19 )	830	775	0	435	435	03:00	0	-	0.47	0.59	0.54	0	23	0.07
DADRI-I TPS( 4 * 210 )	840	769	343	208	369	23:15	0	-	5.91	6.78	5.94	0	248	0.03
DADRI-II TPS( 2 * 490 )	980	919	868	257	936	23:15	0	-	10.98	11.87	10.95	0	456	-0.03
KOLDAM HPS( 4 * 200 )	800	792	787	792	792	03:00	0	-	12	11.94	11.86	0	494	-0.14
NTPC NOKH SOLAR PROJECT	245	0	0	0	0	-	0	-	3.77	3.2	3.2	0	133	-0.57
RIHAND-I STPS( 2 * 500 )	1,000	450	501	497	502	17:00	275	12:00	9.44	10.44	9.2	0	383	-0.24
RIHAND-II STPS( 2 * 500 )	1,000	943	999	1,000	1,000	23:00	543	12:00	19.69	20.94	19.62	0.02	818	-0.09
RIHAND-III STPS( 2 * 500 )	1,000	943	998	989	998	19:00	549	11:00	19.64	20.88	19.75	-0.05	823	0.16
SINGRAULI HYDRO( 1 * 8 )	8	0	0	0	0	-	0	-	0	-	-	-	-	-
SINGRAULI STPS( 2 * 500 + 5 * 200 )	2,000	1,670	1,794	1,814	1,794	19:00	1,075	11:00	34.49	37.69	34.41	0	1,434	-0.08
TANDA TPS( 4 * 110 )	440	-	0	0	0	-	0	-	-	-	-	-	-	-
TANDA TPS STAGE-II( 2 * 660 )	1,320	0	0	0	0	-	-15.67	09:15	0	0	0.03	0	1	0.03
UNCHAHAH II TPS( 2 * 210 )	420	375	387	244	387	19:00	238	06:00	5.88	6.85	6.03	0.15	251	0
UNCHAHAH III TPS( 1 * 210 )	210	189	204	121	204	19:00	114	12:00	3.04	3.45	3.11	0.08	130	-0.01
UNCHAHAH IV TPS( 1 * 500 )	500	466	489	291	495	17:30	274	08:00	7.42	8.26	7.65	0.26	319	-0.03
UNCHAHAH TPS( 2 * 210 )	420	189	201	122	201	19:00	0	-	3.02	3.45	2.99	0	125	-0.03
Sub-Total	13,095	9,388	8,132	6,770	-	-	-	-	136.4	147.18	136.02	0.46	5,669	-0.84
SJVNL														
NATHPA-JHAKRI HPS( 6 * 250 )	1,500	1,482	1,237	1,076	1,245	23:00	740	11:00	25.37	25.8	25.6	0	1,067	0.23
RAMPUR HEP( 6 * 68.67 )	412	375	361	327	366	07:00	218	12:00	6.98	7.47	7.41	0	309	0.43
Sub-Total	1,912	1,857	1,598	1,403	-	-	-	-	32.35	33.27	33.01	0	1,376	0.66
THDC														
KOTESHWAR HPS( 4 * 100 )	400	380	384	92	388	07:00	88	11:00	3.16	3.28	3.27	0.02	136	0.09
TEHRI HPS( 4 * 250 )	1,000	1,072	1,065	496	1,079	07:00	0	09:00	10.07	10.28	10.23	-0.01	426	0.17
TEHRI PSP( 4 * 250 )	1,000	500	510	0	510	19:00	0	-	0.94	4.09	0.65	0	27	-0.29

Sub-Total	2,400	1,952	1,959	588	-	-	-	-	14.17	17.65	14.15	0.01	589	-0.03
Total	28,923	22,578	19,917	14,638					339.01	364.1	341.73	0.84	14,240	1.88

IPP/JV													
Station/Constituents	Inst. Capacity	Declared Capacity	19:00	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	189	190	78	190	20:00	0	-	1.55	1.62	1.61	67	0.06
BUDHIL HPS (IPP)( 2 * 35 )	70	35	70	36	72	18:00	0	-	0.79	0.81	0.8	33	0.01
KARCHAM WANGTOO HPS( 4 * 261.25 )	1,045	1,032	1,045	550	1,045	19:00	0	-	14.23	14.41	14.33	597	0.1
SAINJ HEP( 2 * 50 )	100	0	0	0	0	-	0	-	0	0	0	0	0
SHREE CEMENT (IPP) TPS( 2 * 150 )	300	338	325	89	327	19:00	0	-	4.42	4.46	4.17	174	-0.25
SINGOLI BHATWARI HEP( 3 * 33 )	99	107	88	98	107	18:30	0	-	1.7	1.46	1.43	60	-0.27
SORANG HYDROELECTRIC PROJECT( 2 * 50 )	100	50	57	45	58	06:00	0	-	1.09	1.14	1.13	47	0.04
Sub-Total	1,906	1,751	1,775	896	-	-	-	-	23.78	23.9	23.47	978	-0.31
SOLAR IPP													
ADANI GREEN ENERGY TWENTY FIVE LIMITED	500	0	0	0	0	-	0	-	2.59	2.11	2.11	88	-0.48
ABC RENEWABLE ENERGY(1 * 300)	300	0	0	0	0	-	0	-	1.52	1.43	1.43	60	-0.09
ACME CHITTORGARH SOLAR ENERGY PVT LTD( 1 * 250 )	250	0	0	0	232	12:00	0	-	1.32	1.2	1.2	50	-0.12
ACME DEOGHAR SOLAR POWER PRIVATE LIMITED(ADSPPL)	300	0	0	0	314	11:59	0	-	1.82	1.4	1.4	58	-0.42
ACME HEERGARH POWERTECH PRIVATE LIMITED(1*300)	300	0	0	0	0	-	0	-	2	1.79	1.79	75	-0.21
ACME PHALODI SOLAR ENERGY PRIVATE LIMITED(APSEPL)	300	0	0	0	316	10:30	0	-	1.77	1.38	1.37	57	-0.4
ACME RAISAR SOLAR ENERGY PRIVATE LIMITED(ARSEPL)	300	0	0	0	315	11:50	0	-	1.83	1.42	1.42	59	-0.41
ACME SIKAR SOLAR PRIVATE LIMITED	300	0	0	0	0	-	0	-	1.31	1.31	1.31	55	0
ACMEDHAULPUR POWERTECH PRIVATE LIMITED(ADPPL)	300	0	0	0	313	11:59	0	-	1.7	1.34	1.34	56	-0.36
AMP ENERGY GREEN SIX PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.51	0.49	0.49	20	-0.02
AMP GREEN ENERGY FIVE PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.51	0.47	0.47	20	-0.04
ADANI GREEN ENERGY TWENTY FOUR LIMITED	500	0	0	0	361	15:04	0	-	1.9	2.15	2.12	88	0.22
ADANI RENEWABLE ENERGY RJ LIMITED (ARERJL)( 1 * 200 )	200	0	0	0	188	13:03	0	-	0.99	1.02	1.02	43	0.03
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED(1*150)	150	0	0	0	146	12:00	0	-	1.02	1.01	1.01	42	-0.01
ADANI SOLAR ENERGY JAISALMER TWO PRIVATE LIMITED (PROJECT-2)(1*150)	150	0	0	0	134	11:45	0	-	0.91	0.96	0.96	40	0.05
ADANI SOLAR ENERGY JODHPUR SIX PRIVATE LIMITED	50	0	0	0	0	-	0	-	0.26	0.25	0.25	10	-0.01
ADANI SOLAR ENERGY RJ TWO PVT LTD_BHADLA(1*150)	150	0	0	0	150	13:50	0	-	0.69	0.72	0.72	30	0.03
ADANI SOLAR ENERGY RJ TWO PVT LTD_FATEGARH 2(1*180)	180	0	0	0	181	13:59	0	-	0.88	0.84	0.83	35	-0.05
ADEPT RENEWABLE TECHNOLOGIES PVT LTD(1*110)	110	0	0	0	88	14:57	0	-	0.59	0.51	0.51	21	-0.08
ALTRA XERGI POWER PRIVATE LIMITED	380	0	0	0	387	11:43	0	-	1.75	1.47	1.46	61	-0.29
AMBUJA CEMENTS LIMITED	150	0	0	0	0	-	0	-	0.83	0.78	0.78	33	-0.05
AMP ENERGY GREEN FOUR PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.46	0.47	0.47	20	0.01
AMPLUS AGES PRIVATE LIMITED(1*100)	100	0	0	0	78	15:18	0	-	0.51	0.52	0.52	22	0.01
AURAIYA SOLAR( 1 * 40 )	40	0	0	0	0	-	0	-	0.16	0.19	0.19	8	0.03
AVAADA RJHN PRIVATE LIMITED(1*240)	240	0	0	0	226	12:41	0	-	1.48	1.46	1.46	61	-0.02
AVAADA SUNCE ENERGY PRIVATE LIMITED, BIKANER( 1 * 350 )	350	0	0	0	334	12:57	0	-	2.25	2.1	2.1	88	-0.15
AVAADA SUNRAYS ENERGY PRIVATE LTD(1*320)	320	0	0	0	323	13:40	0	-	2.03	1.9	1.9	79	-0.13
AVAADA SUSTAINABLE RJPROJECT PVT LTD(1*300)	300	0	0	0	291	11:52	0	-	1.96	1.88	1.88	78	-0.08
AYANA RENEWABLE POWER ONE PRIVATE LIMITED, BIKANER(300)	300	0	0	0	294	11:39	0	-	1.95	1.94	1.94	81	-0.01
AYANA RENEWABLE THREE PVT LTD (1*300)	300	0	0	0	222	10:07	0	-	1.37	1.39	1.39	58	0.02
AZURE POWER FORTY THREE PRIVATE LIMITED( 1 * 150 + 1 * 150 + 1 * 300 )	600	0	0	0	447	12:15	0	-	3.31	3.28	3.28	137	-0.03
AZURE POWER INDIA PVT LTD.( 4 * 50 )	200	0	0	0	176	12:09	0	-	0.91	0.89	0.89	37	-0.02
AZURE POWER MAPLE PVT LTD(1*300)	300	0	0	0	250	11:38	0	-	1.48	1.46	1.46	61	-0.02
AZURE POWER THIRTY FOUR PRIVATE LTD( 1 * 130 )	130	0	0	0	132	12:50	0	-	0.72	0.7	0.7	29	-0.02
BANDERWALA SOLAR PLANT LTD(1*300)	300	0	0	0	0	-	0	-	0.96	0.75	0.75	31	-0.21
CLEAN SOLAR POWER (BHADLA) PVT LTD( 1 * 300 )	300	0	0	0	294	11:38	0	-	1.51	1.4	1.4	58	-0.11
CLEAN SOLAR POWER(JODHPUR) PRIVATE LIMITED(1*250)	250	0	0	0	250	11:28	0	-	1.27	1.21	1.21	50	-0.06

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	-	1.09	1.01	1.01	42	-0.08
EDEN RENEWABLE ALMA PRIVATE LIMITED	300	0	0	0	0	-	0	-	1.41	1.24	1.24	52	-0.17
EDEN RENEWABLE CITE PRIVATE LIMITED( 1 * 300 )	300	0	0	0	0	-	0	-	1.5	1.31	1.31	55	-0.19
GORBEA SOLAR PRIVATE LIMITED	300	0	0	0	0	-	0	-	1.49	1.34	1.34	56	-0.15
GRIAN ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	77	15:22	0	-	0.54	0.52	0.52	22	-0.02
JUNIPER GREEN COSMIC PRIVATE LIMITED	100	0	0	0	74	15:20	0	-	0.48	0.47	0.47	20	-0.01
JUNA RENEWABLE ENERGY PRIVATE LIMITED	335	0	0	0	0	-	0	-	1.83	1.38	1.38	58	-0.45
JUNIPER NIRJARA ENERGY PRIVATE LIMITED	50	0	0	0	37	15:01	0	-	0.24	0.23	0.23	10	-0.01
KARNISAR SOLAR PLANT NHPC LIMITED	214	0	0	0	160	15:28	0	-	0.88	1	0.99	41	0.11
KHIDRAT RENEWABLE ENERGY PRIVATE LIMITED	300	0	0	0	0	-	0	-	1.45	1.38	1.38	58	-0.07
KOLAYAT SOLAR POWER PLANT NTPC LIMITED(1*550)	550	0	0	0	0	-	0	-	2.9	2.79	2.79	116	-0.11
M/S ADANI SOLAR ENERGY FOUR PRIVATE LIMITED( 1 * 50 )	50	0	0	0	49	12:09	0	-	0.24	0.26	0.26	11	0.02
M/S ADANI SOLAR ENERGY JODHPUR TWO LIMITED( 1 * 50 )	50	0	0	0	47	12:20	0	-	0.26	0.25	0.25	10	-0.01
M/S AZURE POWER FORTY ONE PRIVATE LIMITED( 1 * 300 )	300	0	0	0	264	14:00	0	-	1.51	1.46	1.46	61	-0.05
M/S. ONEVOLT ENERGY PRIVATE LIMITED(1*100)	100	0	0	0	76	15:10	0	-	0.57	0.51	0.51	21	-0.06
MEGA SOILS RENEWABLE PRIVATE LIMITED( 1 * 250 )	250	0	0	0	0	-	0	-	1.34	1.28	1.28	53	-0.06
MEGA SURYAURJA PVT LTD( 1*250 )	250	0	0	0	0	-	0	-	1.38	1.22	1.22	51	-0.16
NTPC ANTA SOLAR PV STATION	90	0	0	0	0	-	0	-	0.48	0.56	0.56	23	0.08
NTPC NIDAN SOLAR(1*296)	296	0	0	0	0	-	0	-	1.61	1.2	1.2	50	-0.41
NEEMBA RENEW SURYA VIHAAN PRIVATE LIMITED	200	0	0	0	0	-	0	-	0.78	0.64	0.64	27	-0.14
NOKHRA SOLAR POWER NTPC	657	0	0	0	0	-	0	-	1.31	1.22	1.22	51	-0.09
RENEW SUN BRIGHT PRIVATE LIMITED (RSBPL)( 1 * 300 )	300	0	0	0	300	14:46	0	-	1.3	1.23	1.23	51	-0.07
RENEW SURYA RAVI PVT LTD(1*300)	300	0	0	0	211	15:02	0	-	1.31	1.35	1.35	56	0.04
RENEW SOLAR ENERGY (JHARKHAND THREE) PVT LTD(300)	300	0	0	0	286	15:03	0	-	1.52	1.26	1.26	53	-0.26
RENEW SOLAR POWER PVT LTD( 50 )	50	0	0	0	221	12:08	0	-	0.35	0.25	0.25	10	-0.1
RENEW SOLAR POWER PVT LTD. BIKANER( 1 * 250 )	250	0	0	0	0	-	0	-	1.69	1.45	1.45	60	-0.24
RENEW SOLAR URJA PVT LIMITED(300)	300	0	0	0	259	15:28	0	-	1.33	1.12	1.12	47	-0.21
RENEW SURYA AAYAN PRIVATE LIMITED	300	0	0	0	305	11:26	0	-	1.4	1.21	1.21	50	-0.19
RENEW SURYA JYOTI PRIVATE LIMITED	210	0	0	0	0	-	0	-	1.04	0.69	0.69	29	-0.35
RENEW SURYA PRATAP PRIVATE LIMITED(1*200)	200	0	0	0	0	-	0	-	0.94	0.78	0.78	33	-0.16
RENEW SURYA ROSHNI PVT LTD(1*400)	400	0	0	0	0	-	0	-	1.57	1.3	1.3	54	-0.27
RENEW SURYA VIHAAN PRIVATE LIMITED	100	0	0	0	0	-	0	-	0.45	0.38	0.38	16	-0.07
RISING SUN ENERGY (K) PVT LTD(1*164)	190	0	0	0	207	11:38	0	-	1.23	1.03	1.02	43	-0.21
SB ENERGY FOUR PVT LTD( 2 * 100 )	200	0	0	0	198	11:38	0	-	1	0.95	0.95	40	-0.05
SB ENERGY SIX PRIVATE LIMITED( 1 * 300 )	300	0	0	0	266	10:53	0	-	1.5	1.42	1.42	59	-0.08
SJVN GREEN ENERGY LIMITED	501	0	0	0	425	09:45	0	-	2.25	2.57	2.53	105	0.28
SERENTICA RENEWABLES INDIA 4 PRIVATE LIMITED_BKN2	168	0	0	0	0	-	0	-	0.97	0.88	0.88	37	-0.09
SERENTICA RENEWABLES INDIA 5 PRIVATE LIMITED	220	0	0	0	202	09:30	0	-	1.3	1.2	1.2	50	-0.1
SINGRAULI SOLAR( 15 )	15	0	0	0	0	-	0	-	0.04	0.02	0.02	1	-0.02
SOLZEN URJA PRIVATE LIMITED( 1 * 300 )	300	0	0	0	253	15:02	0	-	1.46	1.12	1.12	47	-0.34
TRANSITION CLEANTECH SERVICES PRIVATE LIMITED	24	0	0	0	19	15:01	0	-	0.15	0.12	0.12	5	-0.03
TATA POWER GREEN ENERGY LIMITED	225	0	0	0	209	12:14	0	-	1.4	1.35	1.35	56	-0.05
TATA POWER RENEWABLE ENERGY LTD( 1 * 300 )	300	0	0	0	277	12:01	0	-	1.52	1.3	1.26	53	-0.26
TATA POWER SAURYA LIMITED	110	0	0	0	73	14:18	0	-	0.49	0.47	0.47	20	-0.02
THAR SURYA IPRIVATE LIMITED(1*300)	300	0	0	0	291	12:17	0	-	1.97	1.88	1.88	78	-0.09
TRANSITION ENERGY SERVICES PRIVATE LIMITED	60	0	0	0	0	-	0	-	0.33	0.41	0.41	17	0.08
TRANSITION GREEN ENERGY PRIVATE LIMITED	100	0	0	0	84	15:15	0	-	0.57	0.5	0.5	21	-0.07
TRANSITION SUSTAINABLE ENERGY SERVICES PVT. LTD.	50	0	0	0	38	15:36	0	-	0.27	0.24	0.24	10	-0.03
TRANSITION SUSTAINABLE ENERGY SERVICES ONE PVT LTD	56	0	0	0	0	-	0	-	0.3	0.22	0.22	9	-0.08
UNCHAHAHAR SOLAR( 10 )	10	0	0	0	4	12:00	0.165	16:00	0.01	0.02	0.02	1	0.01



XL XERGI POWER PRIVATE LIMITED	400	0	0	0	193	11:02	0		1.53	1.12	1.11	46	-0.42
Sub-Total	20,476	0	0	0	-	-	-	-	103.53	94.72	94.55	3,945	-8.98
HYBRID IPP													
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED SOLAR(1*600)	600	0	0	0	574	14:05	0	-	3.91	3.07	3.06	128	-0.85
ADANI HYBRID ENERGY JAISALMER FOUR LIMITED WIND(1*510)	510	0	186	18	352	-	0	-	1.55	1	1	42	-0.55
ADANI HYBRID ENERGY JAISALMER ONE LIMITED SOLAR(1 * 235.1 + 1 * 124.8)	360	0	0	0	350	14:34	0	-	1.62	1.74	1.74	73	0.12
ADANI HYBRID ENERGY JAISALMER ONE LIMITED WIND(1 * 101)	101	0	94	7	95	19:45	0	-	0.77	0.35	0.35	15	-0.42
ADANI HYBRID ENERGY JAISALMER THREE LIMITED SOLAR(1*300)	300	0	0	0	244	-	0	-	1.2	1.3	1.3	54	0.1
ADANI HYBRID ENERGY JAISALMER THREE LIMITED WIND(1*75)	75	0	73	16	73	19:00	0	-	0.55	0.3	0.3	13	-0.25
ADANI HYBRID ENERGY JAISALMER TWO LIMITED SOLAR(1*299)	300	0	0	0	301	15:30	0	-	1.46	1.54	1.54	64	0.08
ADANI HYBRID ENERGY JAISALMER TWO LIMITED WIND(1*75)	75	0	60	2	65	20:15	0	-	0.54	0.17	0.17	7	-0.37
ADANI JAISALMER ONE SEPL SOLAR(1*420)	420	0	0	0	377	11:45	0	-	1.53	1.39	1.39	58	-0.14
ADANI JAISALMER ONE SEPL WIND(1*105)	105	0	0	0	0	-	0	-	0.83	0.19	0.19	8	-0.64
Sub-Total	2,846	0	413	43	-	-	-	-	13.96	11.05	11.04	462	-2.92
Total	25,228	1,751	2,188	939					141.27	129.67	129.06	5,385	-12.21

Summary Section						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Total State Control Area Generation	70,093	33,358	27,506	755.88	709.35	29,560
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]		10,705	5,194	318.8	318.8	12,543
Inter National Exchange with Nepal[Import (+ve)/Export (-ve)]		-60	-52	1.34	1.34	48
Total Regional Availability(Gross)	124,244	66,108	48,225	1,569.79	1,500.28	61,776

Total Hydro Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Hydro	14,722	11,491	7,519	189.76	184.14	7,672
State Control Area Hydro	7,855	5,113	4,946	119.42	119.25	4,970
Total Regional Hydro	22,577	16,604	12,465	309.18	303.39	12,642

Total Renewable Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Renewable	23,567	413	43	108.97	108.79	4,540
State Control Area Renewable	15,709	567	288	55.57	55.55	2,315
Total Regional Renewable	39,276	980	331	164.54	164.34	6,855

Total Solar Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Solar	22,701	0	0	106.96	106.78	4,455
State Control Area Solar	10,665	56	53	45.44	45.44	1,893
Total Solar	33,366	56	53	152.4	152.22	6,348

Total Wind Generation						
	Inst. Capacity	PEAK	OFF-PEAK	Day Energy		Day AVG.
				Gross Gen	Net Gen	
Regional Entities Wind	866	413	43	2.01	2.01	85
State Control Area Wind	4,328	387	117	4.05	4.05	169
Total Wind	5,194	800	160	6.06	6.06	254

4(A) INTER-REGIONAL EXCHANGES (Import=(+ve) /Export =(-ve))

SL.No.	Element	19:00	03:00	Maximum Interchange (MW)		Import in MU	Export in MU	NET
		(MW)	MW	Import (MW)	Export (MW)			
Import/Export between EAST REGION and NORTH REGION								
1	132KV Rihand - Nagar Untari	-	-	-	-	-	-	-
2	132KV-Chandauli (UP)-Karmnasa(PG)	-	-	-	-	-	-	-
3	132KV-Rihand (UP)-Garhwa(CG)	-	-	-	-	0	0.35	-0.35
4	132KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	-	-	-
5	220KV-Sahupuri (UP)-Karamnasa(PG)	-	-	-	-	2.1	0	2.1
6	400KV-Allahabad (PG)-Sasaram(PG)	-	-	-	-	1.73	0	1.73
7	400KV-Balia (PG)-Biharsharif(PG)	-	-	-	-	7.05	0	7.05
8	400KV-Balia (PG)-Naubatpur(Bihar)	-	-	-	-	4	0	4
9	400KV-Balia (PG)-Patna(PG)	-	-	-	-	11.45	0	11.45
10	400KV-Gorakhpur (UP)-Motihari(DMT)	-	-400	622	0	11.22	0	11.22
11	400KV-Gorakhpur (UP)-Muzaffarpur(PG)	-1,173	-962	1,220	0	23.1	0	23.1

Import/Export between EAST REGION and NORTH REGION								
12	400KV-Sahupuri (UP)-Biharsharif(PG)	-	-	-	-	6	0	6
13	400KV-Varanasi (PG)-Sasaram(PG)	9	67	67	12	0.65	0	0.65
14	765KV-Balia (PG)-Gaya(PG)	-	-	-	-	11.15	0	11.15
15	765KV-Sasaram (PG)-Fatehpur(PG)	-	-	-	-	9.41	0	9.41
16	765KV-Varanasi (PG)-Gaya(PG)	1,247	473	1,370	19	16.75	0	16.75
17	HVDC800KV-Agra (PG)-Alipurduar(PG)	-	-	-	-	-	-	-
Sub-Total EAST REGION		83	-822	3,279	31	104.61	0.35	104.26
Import/Export between NORTH_EAST REGION and NORTH REGION								
1	HVDC800KV-Agra (PG)-Biswanath Charialli(PG)	-	-	-	-	10.8	0	10.8
Sub-Total NORTH_EAST REGION		0	0	0	0	10.8	0	10.8
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)	-40	-27	-	186	0	0.94	-0.94
4	220KV-Auraiya (NT)-Mehgaon(PG)	-	-	-	-	-	-	-
5	220KV-Modak (RJ)-Bhanpura(MP)	87	71	99	71	2.07	0	2.07
6	220KV-Ranpur (RS)-Bhanpura(MP)	109	97	109	82	2.3	0	2.3
7	400KV-Bhinmal (PG)-Zerda(PG)	-	-	-	-	-	-	-
8	400KV-Chittorgarh 765 (PG)-Neemuch (WR)	-246	-342	-486	116	5.62	0	5.62
9	400KV-Kankroli (RJ)-Zerda(PG)	-	-	-	-	0	2.75	-2.75
10	400KV-RAPS C (NP)-Sujalpur	-	-	-	-	2.85	0	2.85
11	400KV-Rihand (NT)-Vindhyachal(PG)	-	-	-	-	-	-	-
12	765KV-0rai-Gwalior (PG)	-826	-664	0	-927	0	15.25	-15.25
13	765KV-0rai-Jabalpur	1,750	1,672	2,061	0	37.45	0	37.45
14	765KV-0rai-Satna	1,001	794	1,096	0	20.63	0	20.63
15	765KV-Agra (PG)-Gwalior(PG)	-	-	-	-	36.25	0	36.25
16	765KV-Chittorgarh-Banaskata D/C	1,405	157	-1,177	1,482	0	4.27	-4.27
17	765KV-Phagi (RJ)-Gwalior(PG)	1,903	1,395	2,036	91	29.25	0	29.25
18	765KV-Varanasi (PG)-Vindhyachal(PG)	931	1,515	2,104	0	32.7	0	32.7
19	HVDC500KV-Mohindergarh (JH)-Mundra(JH)	298	298	304	0	7	0	7
20	HVDC500KV-Vindhyachal (PG)-Vindhaychal B/B	250	50	250	0	2.43	0	2.43
21	HVDC800KV-Kurukshetra (PG)(PG)-Champa(PG)	4,000	1,000	4,000	0	48.4	0	48.4
Sub-Total WEST REGION		10,622	6,016	10,396	1,101	226.95	23.21	203.74
TOTAL IR EXCHANGE		10,705	5,194	13,675	1,132	342.36	23.56	318.8

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	105.74	13.58	0	0	0	105.87	104.26	-1.61
NR-NORTH_EAST REGION	0	0	0	0	0	0	10.8	10.8
NR-WR	155.96	27.75	0	58.69	0	221.89	203.74	-18.15
Total	261.7	41.33	0	58.69	0	327.76	318.8	-8.96

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)	-60	-52	68.136	20	1.35	0	1.34	0
132KV-Nautanwa (UP)-Mainhiya (Nepal)	0	0	0	0	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	.42	1.57	11.44	57.31	79.86	8.37	.34	0	8.7

<-----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.	
50.13	11:04:40	49.65	16:50:20	49.98	0.045	0.064	50.07	49.73	20.14

6.Voltage Profile: 400kV

	Maximum		Minimum		Voltage (in %)				Voltage Deviation Index (% of time)
					< 380	< 390	> 420	> 430	
Abdullapur(PG) - 400KV	422	02:25	399	18:30	0	0	21.18	0	21.18
Amritsar(PG) - 400KV	420	03:25	396	12:20	0	0	.35	0	.35
Ballabgarh(PG) - 400KV	420	03:55	393	18:25	0	0	0	0	0

Bareilly II(PG) - 400KV	416	04:00	393	18:25	0	0	0	0	0
Bareilly(UP) - 400KV	416	03:25	393	18:25	0	0	0	0	0
Baspa(HP) - 400KV	415	00:00	403	10:15	0	0	0	0	0
Bassi(PG) - 400KV	422	04:00	399	11:50	0	0	7.64	0	7.64
Bawana(DTL) - 400KV	422	02:25	398	11:50	0	0	12.5	0	12.5
Dadri HVDC(PG). - 400KV	419	03:25	394	18:25	0	0	0	0	0
Gorakhpur(PG) - 400KV	418	15:05	395	18:25	0	0	0	0	0
Hisar(PG) - 400KV	423	02:25	396	11:55	0	0	12.5	0	12.5
Kanpur(PG) - 400KV	414	04:00	393	18:25	0	0	0	0	0
Kashipur(UT) - 400KV	419	04:00	406	18:25	0	0	0	0	0
Kishenpur(PG) - 400KV	420	05:20	403	12:20	0	0	.35	0	.35
Moga(PG) - 400KV	420	02:25	398	12:20	0	0	1.04	0	1.04
Nallagarh(PG) - 400KV	415	00:00	403	10:15	0	0	0	0	0
Rihand HVDC(PG) - 400KV	399	15:10	391	20:55	0	0	0	0	0
Rihand(NT) - 400KV	403	15:05	395	18:25	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	787	01:35	773	18:25	0	0	0	0	0
Balia(PG) - 765KV	790	13:05	755	18:20	0	0	0	0	0
Bareilly II(PG) - 765KV	790	03:25	747	18:25	0	0	0	0	0
Bhiwani(PG) - 765KV	795	02:00	760	09:10	0	0	0	0	0
Fatehpur(PG) - 765KV	784	13:00	736	18:25	0	5.21	0	0	0
Jhatikara(PG) - 765KV	793	04:00	756	18:25	0	0	0	0	0
Lucknow II(PG) - 765KV	783	15:05	745	18:25	0	0	0	0	0
Meerut(PG) - 765KV	797	03:25	751	18:25	0	0	0	0	0
Moga(PG) - 765KV	801	04:00	764	11:50	0	0	5.9	0	5.9
Phagi(RJ) - 765KV	799	04:00	771	09:05	0	0	0	0	0
Unnao(UP) - 765KV	782	08:40	746	18:25	0	0	0	0	0

7(A). Short-Term Open Access Details:

State	Off- Peak Hours (03:00)							Peak Hours (19:00)						
	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	0	0	193.14	0	0	0	0	0	0	824.8	0	0	0	0
HARYANA	1,648.7	87.78	0	0	0	0	0	1,824.28	0	8.55	0	0	-200	-800
RAJASTHAN	793.56	-13.17	86.05	0	0	0	0	839.62	-9.7	83.6	344.53	0	0	0
DELHI	162.51	0.77	591.97	374.37	0	0	0	311.24	0	368.45	243.2	0	0	0
UTTAR PRADESH	-50.85	134.99	374.4	473.29	0	0	0	-40.9	50.22	1,310.76	-616.16	0	0	0
UTTARAKHA ..	0	-3.2	0	-312.25	0	0	0	0	-5.2	129.94	30.48	0	0	0
HIMACHAL PRADESH	-6.39	-82.3	-478.4	-227.93	0	0	0	-6.67	-53.8	-110.8	-13.18	0	0	0
J&K(UT) & LADAKH(UT)	0	0	-500	-875	0	0	0	-7	-31.7	-414.4	-124.99	0	0	0
CHANDIGARH	0	0	-45	0	0	0	0	0	0	-45	0	0	0	0
RAILWAYS_NRISTS	36.18	36.7	0	0	0	0	0	36.18	0	32.49	2.43	0	0	0
TOTAL	2,583.71	161.57	222.16	-567.52	0	0	0	2,956.75	-50.18	2,188.39	-133.69	0	-200	-800

State	Day Energy (MU)					
	GNA schedule	T-GNA Bilateral (MW)	GDAM Schedule	DAM Schedule	RTM Schedule	Total (MU)
PUNJAB	84.75	0	0.56	20.83	23.39	129.53
HARYANA	128.23	44.86	1.46	2.43	-2.53	174.06
RAJASTHAN	105.45	15.38	0.08	1.74	3.9	126.55
DELHI	83.99	2.99	0.44	14.02	12.45	113.89
UTTAR PRADESH	140.14	-0.88	1.65	16.16	5.99	163.45
UTTARAKHAND	21.86	0.31	-0.1	1.37	-0.67	22.77
HIMACHAL PRADESH	16.66	-0.1	-1.34	-4.15	-2.61	8.46
J&K(UT) & LADAKH(UT)	48.99	-0.05	-0.19	-10.16	-8.64	29.95
CHANDIGARH	5.42	0	0	-0.21	0.62	5.83
RAILWAYS_NR ISTS	2.35	0.87	0.34	0.36	0	3.92
TOTAL	637.84	63.38	2.9	42.39	31.9	778.41

7(B). Short-Term Open Access Details

State	GNA schedule		T-GNA Bilateral (MW)		IEX GDAM (MW)		PXIL GDAM(MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
PUNJAB	4,000.06	3,019.87	0	0	241.42	0	0	0
HARYANA	6,553.79	4,458.24	2,151.2	1,638.85	138.48	0	0	0
RAJASTHAN	5,376.18	3,189.28	839.72	428.97	54.16	-27.6	0	0
DELHI	4,450.68	2,428.4	316.23	37.56	65.18	0	0	0
UTTAR PRADESH	8,378.92	4,354.36	-23.59	-50.85	193.43	3.86	7.05	0
UTTARAKHAND	1,240.46	691.04	36.22	0	-3.2	-8.2	0	0
HIMACHAL PRADESH	1,026.81	409.38	-0.1	-6.96	0.65	-82.3	0	0
J&K(UT) & Ladakh(UT)	2,349.74	1,865.54	0	-7	0	-31.7	0	0
CHANDIGARH	324.38	132.37	0	0	0	0	0	0
RAILWAYS_NR ISTS	107.41	88.85	36.18	36.18	36.7	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	1,738.26	193.14	0	0	2,996.57	-197.1	0	0
HARYANA	579.42	-99.32	0	-200	338	-850	0	-800
RAJASTHAN	109.07	23.32	0	0	963.8	-400	0	0
DELHI	1,293.07	92.71	0	0	1,206.26	164.08	0	0
UTTAR PRADESH	1,897.89	290.88	0	0	608.47	-616.16	0	0
UTTARAKHAND	384.83	-241	0	0	155.77	-312.25	0	0
HIMACHAL PRADESH	-12.08	-479.4	0	0	104.27	-256.53	0	0
J&K(UT) & LADAKH(UT)	-334.26	-500	0	0	183.48	-1,100	0	0
CHANDIGARH	72.43	-120	0	0	84.98	-8	0	0
RAILWAYS_NR ISTS	36.7	0	0	0	4.74	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	509.81	1,542	501.95	1,180	595.22	859.5
Chamera-I	748.75	760	753.95	755.93	5	-	-	172.91	141.56
Gandhisagar	381	399.9	725	-	-	-	-	-	0
Jawahar Sagar	295.96	298.7	2.01	-	-	-	-	-	0
Koteshwar	598.5	612.5	610.73	610.3	5	612.05	6	223.21	217.72
Pong	384.05	426.72	1,084	423.19	1,036	415.37	693	285.55	486.28
RPS	343.81	352.81	175.66	-	-	-	-	-	0
RSD	487.91	527.91	390.3	522.08	332	498.26	82	88.8	567.74
Rihand	252.98	268.22	860.5	-	-	-	-	-	0
Tehri	740.04	830	1,164.11	829.42	1,152	829.71	1,158	305.8	218
TOTAL	-	-	-	-	4,072	-	3,119	1,671.49	2,490.8

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	10.76
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	1	11
DELHI	5	21
HARYANA	7	13
HIMACHAL PRADESH	4	8
J&K(UT) & Ladakh(UT)	5	13
PUNJAB	6	20
RAJASTHAN	7	10
UTTAR PRADESH	3	7
UTTARAKHAND	4	12

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

	Inst Capacity	20:00	03:00	Day Peak			
Station/Constituents	(MW)	Peak MW	Off Peak MW	MW	HRS	Net MU	AVG MW
NCR_GENERATION	9225	5,367	2,458	5425	18:45:00	75.27	3,136
NCR_DRAWAL	-	13,149	9,792	13532	21:30:00	279.23	11,634
NCR_DEMAND	-	18,517	12,250	18557	19:15:00	354.49	14,770
LADAKH_DEMAND	-	15	-9	15	19:00:00	-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 :

1.408 tie bay - 125 mvar bus reactor no 1 at 400 kv narela(pntl) (pntl) and 765/400 kv 1500 mva ict 1 at narela(pntl) at 400 kv narela(pntl) (pntl) charged at 20:37Hrs
2.125 MVAR BUS REACTOR NO 1 AT 400 KV NARELA(PNTL) charged at 18:01Hrs
3.407 MAIN BAY - 125 MVAR BUS REACTOR NO 1 AT 400 KV NARELA(PNTL) (PNTL) AT 400 KV NARELA(PNTL) charged at 18:01Hrs
4.330 MVAR BUS REACTOR NO 2 AT 765 KV NARELA(PNTL) charged at 20:36Hrs
5.719 MAIN BAY - 330 MVAR BUS REACTOR NO 2 AT 765 KV NARELA(PNTL) (PNTL) AT 765 KV NARELA(PNTL) charged at 20:56Hrs

17.Instances of persistent/significant non-complaint with the grid code

18.Constraints and instances of congestion in the transmission system

19.Remarks :

No Records Found
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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