

I. State Entities	Station	Effective Installed Capacity (MW)	Peak MW	Off Peak MW	Energy(MU)	Average(Sent out MW)
Punjab	Guru Gobind Singh TPS (Ropar) (6*210)	1260	510	510	12.02	501
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	80	80	2.52	105
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	550	557	12.08	503
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	694	700	15.96	665
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	Thermal (Total)	4680	1834	1847	42.58	1774
	Total Hydro	1148	277	194	6.86	286
	Total Punjab	5828	2111	2041	49.43	2060
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	639	780	16.05
DCRTPP (Yamuna nagar) (2*300)		600	538	464	11.01	459
Faridabad GPS (NTPC)		432	193	164	4.27	178
RGTPP (khedar) (IPP) (2*600)		1200	1090	829	19.79	824
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	1132	742	20.76	865
Thermal (Total)		4944	3592	2979	71.87	2994
Total Hydro		62	28	25	0.60	25
Total Haryana		5006	3620	3004	72.47	3020
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	751	796	17.56
	suratgarh TPS (6*250)	1500	1304	1141	27.77	1157
	Chabra TPS (3*250)	750	400	380	9.28	387
	Dholpur GPS (3*110)	330	130	0	2.02	84
	Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)	271	121	121	3.57	149
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0
	Barsingsar (NLC) (2*125)	250	99	99	2.14	89
	Giral LTPS (2*125)	250	20	0	0.44	18
	Rajwest LTPS (IPP) (8*135)	1080	713	697	17.40	725
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(1*600)	600	0	0	0.00	0
	Kawai(Adani) (2*660)	1320	555	624	14.31	596
	Thermal (Total)	8026	4093	3858	94	3937
	Total Hydro	550	117	108	2.02	84
	Wind power	2798	325	565	8.46	353
	Biomass	99	27	27	0.65	27
	Solar	730	0	0	0.33	14
	Renewable/Others (Total)	3627	352	592	9.44	393
	Total Rajasthan	12203	4562	4558	105.93	4414
	UP	Anpara TPS (3*210+2*500)	1630	444	485	11.20
Obra TPS (2*50+2*94+5*200)		1194	435	394	9.40	392
Paricha TPS (2*110+2*220+2*250)		1140	640	557	13.10	546
Panki TPS (2*105)		210	140	144	3.20	133
Harduaganj TPS (1*60+1*105+2*250)		665	400	426	9.00	375
Tanda TPS (NTPC) (4*110)		440	303	315	7.74	322
Roza TPS (IPP) (4*300)		1200	1103	1098	26.46	1102
Anpara-C (IPP) (2*600)		1200	540	539	12.85	536
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	360	323	7.89	329
Thermal (Total)		8129	4365	4281	100.83	4201
Vishnuparyag HPS (IPP)		400	436	436	10.46	436
Other Hydro		527	335	267	6.27	261
Cogeneration		981	15	15	0.36	15
Total UP		10037	5151	4999	117.92	4477
Uttarakhand		Total Hydro	1398	890	815	20.77
	Total Uttarakhand	1398	890	815	20.77	865
Delhi	Raighat TPS (2*67.5)	180	38	20	1.01	42
	Delhi Gas Turbine (6x30 + 3x34)	282	150	151	3.64	152
	Pragati Gas Turbine (2x104+ 1x122)	330	296	270	7.04	293
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	245	273	6.90	288
	Badarpur TPS (NTPC) (3*95+2*210)	705	157	150	3.94	164
	Thermal (Total)	2962	886	864	22.52	938
	Total Delhi	2962	886	864	22.52	938
HP	Baspa HPS (IPP) (2*150)	300	270	300	5.78	241
	Malana HPS (IPP) (2*43)	86	88	44	1.46	61
	Other Hydro	728	662	657	15.98	666
	Total HP	1114	1020	1001	23.22	967
J & K	Baqilhar HPS (IPP) (3*150)	450	436	436	10.46	436
	Other Hydro/IPP	436	0	0	0.00	0
	Gas/Diesel/Others	209	0	0	0.00	0
	Total J & K	1094	436	436	10.46	436
Total State Control Area Generation		39642	18676	17718	422.72	17178
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			2671	4699	88.26	3678
Total Regional Availability(Gross)		64062	38197	36293	852.71	35094

IV. Total Hydro Generation:

Regional Entities Hydro	11432	9829	5980	163.12	6797
State Control Area Hydro	5684	3103	2846	80.65	2925
Total Regional Hydro	17116	12932	8826	243.77	9721

V(A). Inter Regional Exchange [Import (+ve)/Export (-ve)] [Linkwise]

Element	Peak(20:00 Hrs)	Off Peak(03:00 Hrs)	Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	Import	Export	Import	Export	
Vindhychal B/B	100	500	0	500	0.00	7.91	-7.91
Gwalior-Agra (D/C)	729	1518	1925	0	32.11	0.00	32.11
Zerda-Kankroli	-100	-120	0	160	0.00	2.64	-2.64
Zerda-Bhinmal	-124	-160	0	225	0.00	3.02	-3.02
Malanpur-Auraiya	39	28	0	89	0.00	1.77	-1.77
Badod-Kota/Morak	-40	-51	0	71	0.00	1.01	-1.01
Mundra-Mohindergarh(HVDC)	1397	1401	1405	0	33.89	0.00	33.89
Vindhychal - Rihand	478	362	478	0	9.55	0.00	9.55
Sub Total WR	2479	3478			75.55	16.35	59.21
Pusauli Bypass	200	200	200	0	4.88	0.00	4.88
MZP- GKP (D/C)	80	480	540	0	9.03	0.00	9.03
Patna-Balia(D/C)	31	233	290	0	4.84	0.00	4.84
B'Sharif-Balia (D/C)	15	215	281	0	4.53	0.00	4.53
Pusauli-Balia	-109	-34	0	109	0.00	0.80	-0.80
Gaya-Fatehpur (765 Kv)	0	71	203	0	2.22	0.00	2.22
Pusauli-Sahupuri	90	130	176	0	2.82	0.00	2.82
K'nasa-Sahupuri	0	0	0	0	0.48	0.00	0.48
Son Ngr-Rihand	-10	-40	0	-50	0.00	-0.71	0.71
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-105	-34	104	105	0.34	0.00	0.34
Sub Total ER	192	1221			29.15	0.10	29.05
Total IR Exch	2671	4699			104.70	16.44	88.26

V(B). Inter Regional Schedule & Actual Exchanges [Import (+ve)/Export (-ve)] [Corridor wise]

ER	ISGS/LT Schedule (MU)		Bilateral Schedule (MU)		Power Exchange Shdl (MU)		Wheeling (MU)	
	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR
20.15	3.80	23.95	15.87	22.53	-6.68	1.84	0.00	0.00

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Inclds Mndra	Total	Through ER	Through WR	Total	Through ER	Through WR	Total
33.13	50.08	83.22	29.05	59.21	88.26	-4.08	9.12	5.04

VI. Frequency Profile

% of Time Frequency									
<49.2	<49.7	<49.8	<49.9	<50.0	49.9-50.05	50.05-50.10	50.10-50.20	>50.20	>50.50
0.00	0.00	0.76	15.34	58.46	68.68	12.78	3.20	0.00	0.00

Frequency (Hz)				Average Frequency (Hz)	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX (Hz)	MIN (Hz)
Freq	Time	Freq	Time					
50.16	20.07	49.71	17.39	49.98	0.05	0.07	50.21	49.89

VII. Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV
Rihand	400	420	20:08	407	00:33	0.0	0.0	0.0	0.0
Gorakhpur	400	414	06:16	399	08:51	0.0	0.0	0.0	0.0
Bareilly	400	420	04:24	405	11:44	0.0	0.0	0.0	0.0
Kanpur	400	424	04:25	411	10:17	0.0	0.0	8.5	0.0
Dadri	400	421	04:10	405	11:28	0.0	0.0	1.1	0.0
Ballabgarh	400	427	04:02	410	11:12	0.0	0.0	33.4	0.0
Bawana	400	421	04:08	407	11:42	0.0	0.0	1.4	0.0
Bassi	400	433	03:21	414	09:47	0.0	0.0	50.5	6.4
Hissar	400	414	04:01	401	11:19	0.0	0.0	0.0	0.0
Moga	400	414	02:53	404	09:39	0.0	0.0	0.0	0.0
Abdullapur	400	420	04:01	396	19:18	0.0	0.0	0.0	0.0
Nalagarh	400	425	04:03	409	11:13	0.0	0.0	23.3	0.0
Kishenpur	400	416	14:03	405	19:03	0.0	0.0	0.0	0.0
Wagoora	400	419	10:03	404	19:03	0.0	0.0	0.0	0.0

VIII. Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)			
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV
Fatehpur	765	786	04:26	757	10:17	0.0	0.0	0.0	0.0
Balia	765	774	06:15	754	10:13	0.0	0.0	0.0	0.0
Moga	765	798	04:03	777	09:41	0.0	0.0	0.0	0.0
Agra	765	804	04:03	726	12:32	0.0	0.0	3.1	0.0
Bhiwani	765	806	04:26	779	11:24	0.0	0.0	8.4	0.0
Unnao	765	761	22:39	746	11:39	0.0	0.0	0.0	0.0

IX. Reservoir Parameters:

Name of Reservoir	Parameters		Present Parameters		Last Year		Last day	
	FRL (m)	MDDL (m)	Level (m)	Energy (MU)	Level (m)	Energy (MU)	Inflow (m³/s)	Usage (m³/s)
Bhakra	513.59	445.62	511.25	1605.30	511.49	1620.46	628.75	386.30
Pong	426.72	384.05	416.62	743.22	423.77	1066.19	209.32	60.51
Tehri	829.79	740.04	819.50	992.00	820.95	1022.00	239.23	112.00
Koteshwar	612.50	598.50	611.57	5.39	610.75	4.95	112.00	118.00
Chamera-I	760.00	748.75	756.75	0.00	0.00	0.00	249.74	301.64
Rihand	268.22	252.98	0.00	0.00	0.00	0.00	0.00	0.00
RPS	352.80	343.81	0.00	0.00	0.00	0.00	0.00	0.00
Jawahar Sagar	298.70	295.78	0.00	0.00	0.00	0.00	0.00	0.00
RSD	527.91	487.91	517.95	26.62	521.69	107.67	343.04	117.93

* NA: Not Available

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

State	Off- Peak Hours (03:00 Hrs)			Peak Hours (20:00 Hrs)			Day Energy (MU)		
	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MU)	IEX / PXIL (MU)	Total (MU)
Punjab	1158	158	0	1109	0	0	28.19	0.80	29.00
Delhi	65	-20	-51	487	43	-5	9.36	2.36	11.72
Haryana	1418	125	0	1335	31	0	33.54	-9.33	24.21
HP	-903	-221	0	-632	-511	0	-17.52	-6.94	-24.46
J&K	-564	-101	0	-422	-13	0	-11.18	-1.86	-13.04
CHD	0	0	0	0	0	0	0.07	0.38	0.45
Rajasthan	238	-1060	2	269	-22	0	6.06	-8.79	-2.72
UP	299	1132	47	-417	305	0	-5.11	24.25	19.15
Uttarakhand	85	11	0	85	39	0	2.04	1.54	3.58
Total	1797	24	-1	1814	-128	-5	45.46	2.42	47.88

X(B). Short-Term Open Access Details:

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	1306	1109	186	0	0	0
Delhi	803	65	382	-186	0	-51
Haryana	1418	1335	125	-910	0	0
HP	-579	-951	-151	-612	0	0
J&K	-361	-624	-5	-152	0	0
CHD	15	0	49	0	0	0
Rajasthan	269	218	317	-1141	2	0
UP	299	-530	1428	0	49	0
Uttarakhand	85	85	179	11	0	0

XI. System Constraints:**XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 12.09.2014 :**

1. Partial load Interruption in J&K due to inclement weather and flood.

XIV. Synchronisation of new generating units :

0.00

XV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :**XVI. Tripping of lines in pooling stations :****XVII. Complete generation loss in a generating station :**