

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	480	500	11.35	473
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	80	80	1.69	71
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	374	377	8.20	342
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	1360	1383	31.67	1320
	Talwandi Saboo (1*660)	660	0	450	4.76	198
	Thermal (Total)	4680	2294	2790	57.68	2403
	Total Hydro	1148	450	382	10.49	437
Total Punjab	5828	2744	3172	68.18	2841	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	621	601	14.23	593
	DCRTPP (Yamuna nagar) (2*300)	600	271	229	5.84	243
	Faridabad GPS (NTPC)	432	194	200	4.64	193
	RGTPP (khedar) (IPP) (2*600)	1200	845	713	19.85	827
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	874	740	19.72	822
	Thermal (Total)	4944	2805	2483	64.27	2678
	Total Hydro	62	29	29	0.63	26
	Total Haryana	5006	2834	2512	64.90	2704
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	925	943	21.39
suratgarh TPS (6*250)		1500	1153	1313	29.61	1234
Chabra TPS (3*250)		750	556	423	11.40	475
Dholpur GPS (3*110)		330	114	114	2.76	115
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	118	182	3.56	148
RAPS A (NPC) (1*100+1*200)		300	180	180	4.38	183
Barsingsar (NLC) (2*125)		250	184	183	4.03	168
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	690	628	17.26	719
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(1*600)		600	414	441	9.37	390
Kawai(Adani) (2*660)		1320	1034	1185	27.26	1136
Thermal (Total)		8026	5368	5592	131	5459
Total Hydro		550	6	35	1.31	55
Wind power		2798	203	233	3.82	159
Biomass		99	34	34	0.81	34
Solar		730	0	0	0.25	10
Renewable/Others (Total)		3627	237	267	4.88	203
Total Rajasthan		12203	5611	5894	137.20	5717
UP		Anpara TPS (3*210+2*500)	1630	864	842	19.60
	Obra TPS (2*50+2*94+5*200)	1194	313	363	8.60	358
	Paricha TPS (2*110+2*220+2*250)	1140	617	505	13.20	550
	Panki TPS (2*105)	210	144	144	3.40	142
	Harduaganj TPS (1*60+1*105+2*250)	665	456	293	9.50	396
	Tanda TPS (NTPC) (4*110)	440	235	267	5.90	246
	Roza TPS (IPP) (4*300)	1200	829	824	19.90	829
	Anpara-C (IPP) (2*600)	1200	853	852	20.40	850
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	361	363	8.50	354
	Thermal (Total)	8129	4672	4453	109.00	4542
	Vishnuparyag HPS (IPP)	400	257	238	5.60	233
	Other Hydro	527	131	141	4.70	196
	Cogeneration	981	15	15	0.40	17
	Total UP	10037	5075	4847	119.70	4754
	Uttarakhand	Total Hydro	1398	402	568	10.37
Total Uttarakhand		1398	402	568	10.37	432
Delhi	Raighat TPS (2*67.5)	135	0	0	-0.01	0
	Delhi Gas Turbine (6x30 + 3x34)	282	116	117	2.72	113
	Pragati Gas Turbine (2x104+ 1x122)	330	262	265	6.44	268
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	460	496	11.33	472
	Badarpur TPS (NTPC) (3*95+2*210)	705	438	366	9.59	400
	Thermal (Total)	2917	1276	1244	30.08	1253
	Total Delhi	2917	1276	1244	30.08	1253
HP	Baspa HPS (IPP) (2*150)	300	63	32	2.36	98
	Malana HPS (IPP) (2*43)	86	44	0	0.53	22
	Other Hydro	728	303	270	7.01	292
	Total HP	1114	410	302	9.89	412
J & K	Baglihar HPS (IPP) (3*150)	450	440	440	10.33	430
	Other Hydro/IPP	436	0	0	0.00	0
	Gas/Diesel/Others	209	0	0	0.00	0
	Total J & K	1094	440	440	10.33	430
Total State Control Area Generation		39597	18792	18979	450.64	18543
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			1767	4126	107.37	4474
Total Regional Availability(Gross)		64017	37598	34805	862.62	35709

IV. Total Hydro Generation:

Regional Entities Hydro	11432	8716	3053	104.03	4335
State Control Area Hydro	5684	1868	1897	53.32	1988
Total Regional Hydro	17116	10584	4950	157.35	6323

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	400	300	0	400	0.00	7.43	-7.43
Gwalior-Agra (D/C)	759	1460	1614	0	25.92	0.00	25.92
Zerda-Kankroli	-196	-165	0	280	0.00	4.74	-4.74
Zerda-Bhinmal	-151	-100	42	258	0.00	2.78	-2.78
Malanpur-Auraiya	-115	-105	0	132	0.00	2.63	-2.63
Badod-Kota/Morark	-198	-149	0	274	0.00	4.50	-4.50
Mundra-Mohindergarh(HVDC)	1798	1802	1804	0	43.55	0.00	43.55
Vindhychal - Rihand	-473	-495	-511	511	11.68	0.00	11.68
Sub Total WR	1824	2548			81.16	22.07	59.09
Pusauli Bypass	-400	-400	400	0	9.57	0.00	9.57
MZP- GKP (D/C)	30	580	660	0	10.08	0.00	10.08
Patna-Balia(D/C)	101	602	614	0	10.21	0.00	10.21
B'Sharif-Balia (D/C)	43	287	338	0	5.67	0.00	5.67
Pusauli-Balia	-97	-75	0	97	0.00	1.70	-1.70
Gaya-Fatehpur (765 Kv)	154	357	460	0	8.44	0.00	8.44
Pusauli-Sahupuri	168	198	199	0	4.07	0.00	4.07
K'nasa-Sahupuri	0	0	0	1	0.00	0.00	0.00
Son Ngr-Rihand	-30	-34	0	40	0.00	0.67	-0.67
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-26	63	234	26	2.61	0.00	2.61
Sub Total ER	-57	1578			50.66	2.37	48.29
Total IR Exch	1767	4126			131.81	24.44	107.37

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
31.37	2.43	33.80	6.22	0.22	4.59	19.91	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
44.60	55.52	100.13	48.29	59.09	107.37	3.68	3.56	7.25

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	2.81	17.12	53.06	58.13	17.03	7.91	0.42	NA

←----- 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					
50.32	11.02	49.70	10.40	49.99	0.08	0.09	50.20	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	414	17:13	408	00:01	0.0	0.0	0.0	0.0
Gorakhpur	400	416	16:36	395	01:38	0.0	0.0	0.0	0.0
Bareilly	400	422	18:02	402	10:52	0.0	0.0	0.6	0.0
Kanpur	400	421	18:02	408	00:07	0.0	0.0	0.2	0.0
Dadri	400	421	17:26	408	10:16	28.6	28.6	0.1	0.0
Ballabgarh	400	425	04:05	413	05:47	0.0	0.0	11.5	0.0
Bawana	400	420	04:03	408	07:57	0.0	0.0	0.0	0.0
Bassi	400	428	18:03	408	05:48	0.0	0.0	19.5	0.0
Hissar	400	415	18:02	401	12:15	0.0	0.0	0.0	0.0
Moga	400	420	04:04	405	18:43	0.0	0.0	0.0	0.0
Abdullapur	400	421	23:56	396	18:38	0.0	0.0	0.2	0.0
Nalagarh	400	429	00:00	411	18:38	0.0	0.0	53.5	0.0
Kishenpur	400	424	04:00	405	18:45	0.0	0.0	18.6	0.0
Wagoora	400	414	04:03	388	18:45	0.0	4.1	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	780	18:03	749	05:49	0.0	0.0	0.0	0.0
Balia	765	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Moga	765	798	18:02	771	18:43	0.0	0.0	0.0	0.0
Agra	765	799	18:03	766	05:46	0.0	0.0	0.0	0.0
Bhiwani	765	805	18:02	780	05:45	0.0	0.0	2.4	0.0
Unnao	765	776	18:03	758	02:35	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 (m ³ /s)	Usage (m ³ /s)
Bhakra	513.59	445.62	509.04	1500.16	510.86	1590.18	296.48	483.85
Pong	426.72	384.05	415.80	705.67	422.10	990.81	84.36	233.13
Tehri	829.79	740.04	824.60	1099.48	825.00	1107.95	104.10	118.00
Koteshwar	612.50	598.50	609.06	4.21	610.25	4.69	118.00	117.00
Chamera-I	760.00	748.75	756.89	0.00	0.00	0.00	92.96	114.07
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	511.75	3.67	0.00	2.89	133.00	267.00

* 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	0	0	0	0	123	0	0.00	1.37	1.37
Delhi	-221	18	0	-2	93	0	-0.61	0.19	-0.42
Haryana	96	42	0	197	20	0	3.50	0.57	4.06
HP	0	-61	0	0	-453	0	0.00	-3.85	-3.85
J&K	-197	-177	0	-104	0	0	-2.86	-1.08	-3.94
CHD	0	0	0	0	0	0	0.00	0.08	0.08
Rajasthan	-18	196	0	-18	238	0	-0.43	7.56	7.13
UP	349	1967	0	115	0	0	4.13	25.99	30.12
Uttarakhand	294	-22	0	98	72	0	4.04	2.89	6.94
Total	304	1962	0	286	94	0	7.78	33.71	41.49

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	0	0	262	0	0	0
Delhi	293	-231	249	-304	0	0
Haryana	248	45	45	-41	0	0
HP	0	0	103	-490	0	0
J&K	-96	-197	0	-203	0	0
CHD	0	0	20	0	0	0
Rajasthan	-18	-18	809	-14	0	0
UP	384	76	1967	0	0	0
Uttarakhand	343	49	327	-23	0	0

XI. System Constraints:**XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 12.10.2014 :**

Normal weather in NR.

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 :**