

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	160	160	4.20	175
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	90	90	2.25	94
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	460	363	9.41	392
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	680	701	18.83	785
	Talwandi Saboo (1*660)	660	369	370	11.02	459
	Thermal (Total)	4680	1759	1684	45.71	1904
	Total Hydro	1148	409	188	7.13	297
Total Punjab	5828	2168	1872	52.84	2202	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	57	0	0.90	37
	DCRTPP (Yamuna nagar) (2*300)	600	274	238	6.18	257
	Faridabad GPS (NTPC)	432	0	0	0.00	0
	RGTPP (khedar) (IPP) (2*600)	1200	1165	712	23.64	985
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	1189	720	23.81	992
	Thermal (Total)	4944	2685	1670	54.52	2272
	Total Hydro	62	13	18	0.31	13
	Total Haryana	5006	2698	1688	54.84	2285
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	844	837	19.91
suratgarh TPS (6*250)		1500	948	793	19.92	830
Chabra TPS (3*250)		750	434	396	11.65	485
Dholpur GPS (3*110)		330	127	130	3.10	129
Ramgarh GPS (1*3 + 1*35.5 +2*37.5 +1*110 +1*50)		271	191	215	5.40	225
RAPS A (NPC) (1*100+1*200)		300	189	171	4.42	184
Barsingsar (NLC) (2*125)		250	94	94	2.16	90
Giral LTPS (2*125)		250	71	89	1.68	70
Rajwest LTPS (IPP) (8*135)		1080	729	820	17.69	737
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(1*600)		600	470	483	11.01	459
Kawai(Adani) (2*660)		1320	1085	0	11.85	494
Thermal (Total)		8026	5182	4028	109	4532
Total Hydro		550	152	94	4.40	183
Wind power		2798	143	225	3.53	147
Biomass		99	29	29	0.71	29
Solar		730	0	0	0.13	6
Renewable/Others (Total)		3627	172	254	4.37	182
Total Rajasthan		12203	5506	4376	117.54	4897
UP	Anpara TPS (3*210+2*500)	1630	946	931	22.50	938
	Obra TPS (2*50+2*94+5*200)	1194	456	454	10.80	450
	Paricha TPS (2*110+2*220+2*250)	1140	776	753	18.50	771
	Panki TPS (2*105)	210	122	140	3.00	125
	Harduaganj TPS (1*60+1*105+2*250)	665	486	469	11.10	463
	Tanda TPS (NTPC) (4*110)	440	285	280	6.95	290
	Roza TPS (IPP) (4*300)	1200	783	810	18.72	780
	Anpara-C (IPP) (2*600)	1200	1011	987	24.19	1008
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	242	280	5.84	243
	Thermal (Total)	8129	5107	5104	121.60	5067
	Vishnuparyag HPS (IPP)	400	108	98	2.39	99
	Other Hydro	527	32	27	0.94	39
	Cogeneration	981	200	200	4.80	200
	Total UP	10037	5447	5429	129.73	5306
	Uttarakhand	Total Hydro	1398	467	231	7.59
Total Uttarakhand		1398	467	231	7.59	316
Delhi	Raighat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	30	30	1.92	80
	Pragati Gas Turbine (2x104+ 1x122)	330	104	0	3.68	153
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	310	275	7.33	305
	Badarpur TPS (NTPC) (3*95+2*210)	705	310	315	0.79	33
	Thermal (Total)	2917	754	620	13.71	571
Total Delhi	2917	754	620	13.71	571	
HP	Baspa HPS (IPP) (2*150)	300	112	0	1.21	51
	Malana HPS (IPP) (2*43)	86	49	0	0.25	10
	Other Hydro	728	192	131	3.91	163
	Total HP	1114	353	131	5.37	224
J & K	Baqilhar HPS (IPP) (3*150)	450	296	146	4.60	192
	Other Hydro/IPP	436	97	70	0.00	0
	Gas/Diesel/Others	209	0	0	0.00	0
	Total J & K	1094	393	216	4.60	192
Total State Control Area Generation		39597	17786	14563	386.21	15993
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			3585	5282	119.52	4980
Total Regional Availability(Gross)		64017	39173	30252	806.69	33513

IV. Total Hydro Generation:

Regional Entities Hydro	11432	7076	852	63.47	2645
State Control Area Hydro	5684	1819	905	32.72	1264
Total Regional Hydro	17116	8895	1757	96.19	3909

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

Element	Peak(19:00 Hrs)	Off Peak(03:00 Hrs)	Maximum Interchange (MW)		Energy (MU)		Net Energy MU
	MW	MW	Import	Export	Import	Export	
Vindhychal B/B	-300	-300	0	300	0.00	7.05	-7.05
Gwalior-Agra (D/C)	721	1537	1856	0	33.34	0.00	33.34
Zerda-Kankroli	-211	-44	55	211	0.00	1.93	-1.93
Zerda-Bhinmal	-100	58	186	132	0.53	0.00	0.53
Malanpur-Auraiya	127	130	0	160	0.00	3.04	-3.04
Badod-Kota/Morak	-143	-102	0	197	0.00	3.43	-3.43
Mundra-Mohindergarh(HVDC)	2102	2098	2105	0	50.78	0.00	50.78
Vindhychal - Rihand	494	351	508	0	10.89	0.00	10.89
Sub Total WR	2690	3728			95.54	15.44	80.09
Pusauli Bypass	400	400	400	0	9.84	0.00	9.84
MZP- GKP (D/C)	30	232	388	64	4.32	0.00	4.32
Patna-Balia(D/C)	576	663	783	0	16.38	0.00	16.38
B'Sharif-Balia (D/C)	-78	39	159	78	1.20	0.00	1.20
Pusauli-Balia	-151	-118	0	151	0.00	2.73	-2.73
Gaya-Fatehpur (765 Kv)	108	234	460	0	6.80	0.00	6.80
Pusauli-Sahupuri	133	120	190	0	2.90	0.00	2.90
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-44	-35	0	46	0.00	0.91	-0.91
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-79	19	214	79	1.63	0.00	1.63
Sub Total ER	895	1554			43.07	3.64	39.43
Total IR Exch	3585	5282			138.61	19.08	119.52

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
19.32	0.75	20.07	4.19	-14.30	9.42	21.07	7.83	-7.83

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
41.50	67.43	108.93	39.43	80.09	119.52	-2.07	12.67	10.59

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	0.06	4.01	18.36	50.92	53.85	16.01	9.98	1.88	NA

Frequency (Hz)				Average Frequency	Frequency Variation Index	Std. Dev.	Frequency in 15 Min Block	
Maximum		Minimum					MAX (Hz)	MIN (Hz)
Freq	Time	Freq	Time	Hz				
50.30	5.02	49.68	18.09	49.99	0.10	0.10	50.28	49.86

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	412	21:44	405	06:38	0.0	0.0	0.0	0.0
Gorakhpur	400	412	05:02	395	18:07	0.0	0.0	0.0	0.0
Bareilly	400	423	05:02	400	14:47	0.0	0.0	3.3	0.0
Kanpur	400	419	05:01	402	10:17	0.0	0.0	0.0	0.0
Dadri	400	420	05:02	403	10:17	0.0	0.0	0.0	0.0
Ballabgarh	400	428	05:02	407	10:17	0.0	0.0	38.1	0.0
Bawana	400	424	21:55	407	12:23	0.0	0.0	16.3	0.0
Bassi	400	424	20:58	392	10:17	0.0	0.0	9.5	0.0
Hissar	400	414	04:04	395	12:26	0.0	0.0	0.0	0.0
Moga	400	422	03:20	402	15:10	0.0	0.0	9.1	0.0
Abdullapur	400	422	21:56	396	15:11	0.0	0.0	1.3	0.0
Nalagarh	400	425	21:00	401	15:09	0.0	0.0	8.5	0.0
Kishenpur	400	420	03:20	396	07:35	0.0	0.0	0.0	0.0
Wagoora	400	404	03:25	366	18:16	21.9	51.8	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	775	05:02	742	10:16	0.0	0.0	0.0	0.0
Balia	765	775	05:03	746	18:07	0.0	0.0	0.0	0.0
Moga	765	799	21:55	765	12:27	0.0	0.0	0.0	0.0
Agra	765	797	05:02	757	10:17	0.0	0.0	0.0	0.0
Bhiwani	765	810	21:56	770	10:16	0.0	0.0	9.4	0.0
Unnao	765	762	05:02	734	12:42	0.0	43.3	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	503.87	1258.87	508.56	1470.42	154.58	387.37
Pong	426.72	384.05	410.77	524.54	417.61	781.19	62.84	252.33
Tehri	829.79	740.04	819.35	982.68	821.25	1023.38	65.09	168.00
Koteshwar	612.50	598.50	609.74	4.44	609.65	4.40	168.00	148.00
Chamera-I	760.00	748.75	759.55	0.00	0.00	0.00	53.85	56.49
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	509.66	2.14	515.37	2.80	49.43	94.65

* NA: Not Available

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

State	Off- Peak Hours (03:00 Hrs)			Peak Hours (19:00 Hrs)			Day Energy (MU)		
	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MW)	IEX (MW)	PXIL (MW)	Bilateral (MU)	IEX / PXIL (MU)	Total (MU)
Punjab	-482	8	0	-457	241	0	-11.17	3.05	-8.12
Delhi	-876	-66	-19	-595	263	-19	-14.98	1.17	-13.81
Haryana	-769	179	0	-753	162	0	-19.57	3.41	-16.16
HP	423	-51	0	399	-203	0	9.51	-2.36	7.15
J&K	381	0	0	335	98	0	7.49	1.54	9.02
CHD	-30	0	0	0	0	0	-0.24	0.11	-0.13
Rajasthan	491	849	2	500	461	2	11.83	19.43	31.27
UP	87	0	0	139	0	0	2.76	0.00	2.76
Uttarakhand	196	168	0	196	328	0	4.70	6.55	11.24
Total	-579	1087	-17	-236	1349	-17	-9.67	32.90	23.23

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-457	-482	299	3	0	0
Delhi	-485	-876	357	-102	-19	-19
Haryana	-753	-972	180	-15	0	0
HP	423	379	98	-662	0	0
J&K	391	237	98	-5	0	0
CHD	0	-30	20	0	0	0
Rajasthan	500	491	1412	289	2	2
UP	160	87	0	0	0	0
Uttarakhand	196	196	405	168	0	0

XI. System Constraints:**XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 25.11.2014 :**

Normal

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 :**