

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	660	670	15.69	654
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	90	90	2.14	89
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	372	365	8.73	364
	Goindwal(GVK)		0	0	0.00	0
	Rajpura (2*700)	1400	0	0	0.00	0
	Talwandi Saboo (1*660)	660	0	0	0.00	0
	Thermal (Total)	4680	1122	1125	26.56	1107
	Total Hydro	1148	702	699	16.75	698
Total Punjab	5828	1824	1824	43.31	1805	
Haryana	Panipat TPS (4*110+2*210+2*250)	1367	863	765	18.17	757
	DCRTPP (Yamuna nagar) (2*300)	600	514	525	11.71	488
	Faridabad GPS (NTPC)	432	164	189	4.33	180
	RGTPP (kheadar) (IPP) (2*600)	1200	0	0	0.00	0
	Magnum Diesel (IPP)	25	0	0	0.00	0
	Jhajjar(CLP) (2*660)	1320	409	566	10.04	418
	Thermal (Total)	4944	1950	2045	44.24	1843
	Total Hydro	62	18	13	0.60	25
	Total Haryana	5006	1968	2058	44.84	1868
	Rajasthan	kota TPS (2*110+2*195+3*210)	1240	694	697	16.77
suratgarh TPS (6*250)		1500	585	755	16.67	695
Chabra TPS (4*250)		1000	580	576	14.44	602
Dholpur GPS (3*110)		330	0	0	1.03	43
Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)		271	169	165	4.17	174
RAPS A (NPC) (1*100+1*200)		300	141	142	3.50	146
Barsingsar (NLC) (2*125)		250	187	95	2.79	116
Giral LTPS (2*125)		250	0	0	0.00	0
Rajwest LTPS (IPP) (8*135)		1080	467	663	15.51	646
VS LIGNITE LTPS (IPP) (1*135)		135	0	0	0.00	0
Kalisindh Thermal(1*600)		600	231	442	9.83	409
Kawai(Adani) (2*660)		1320	874	675	23.04	960
Thermal (Total)		8276	3928	4210	108	4490
Total Hydro		550	0	0	0.09	4
Wind power		2798	573	523	10.64	443
Biomass		99	24	24	0.59	24
Solar		730	0	0	0.10	4
Renewable/Others (Total)		3627	597	547	11.33	472
Total Rajasthan		12453	4525	4757	119.18	4966
UP		Anpara TPS (3*210+2*500)	1630	1210	1313	29.90
	Obra TPS (2*50+2*94+5*200)	1194	421	468	10.20	425
	Paricha TPS (2*110+2*220+2*250)	1140	735	778	18.50	771
	Panki TPS (2*105)	210	104	113	2.60	108
	Harduaganj TPS (1*60+1*105+2*250)	665	212	225	5.20	217
	Tanda TPS (NTPC) (4*110)	440	287	290	7.17	299
	Roza TPS (IPP) (4*300)	1200	1067	1081	24.84	1035
	Anpara-C (IPP) (2*600)	1200	1080	1080	25.79	1074
	Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)	450	403	403	8.64	360
	Anpara-D	500	0	0	0.00	0
	Thermal (Total)	8629	5519	5751	133	5535
	Vishnuparyag HPS (IPP)(including Alaknanda)	400	524	490	11.73	489
	Other Hydro	527	67	59	1.51	63
	Cogeneration	981	200	200	4.80	200
	Total UP	10537	6310	6500	150.87	5797
	Uttarakhand	Total Hydro	1398	771	608	16.89
Total Uttarakhand		1398	771	608	16.89	704
Delhi	Rajghat TPS (2*67.5)	135	54	54	1.26	53
	Delhi Gas Turbine (6x30 + 3x34)	282	140	143	3.13	130
	Praagati Gas Turbine (2x104+ 1x122)	330	285	281	6.82	284
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (6*250)	1370	293	289	6.73	281
	Badarpur TPS (NTPC) (3*95+2*210)	705	407	455	9.63	401
	Thermal (Total)	2917	1179	1222	27.57	1149
Total Delhi	2917	1179	1222	27.57	1149	
HP	Baspa HPS (IPP) (2*150)	300	95	279	6.39	266
	Malana HPS (IPP) (2*43)	86	96	82	1.99	83
	Other Hydro	728	523	516	12.39	516
	Total HP	1114	714	877	20.77	866
J & K	Baglihar HPS (IPP) (3*150)	450	440	440	10.56	440
	Other Hydro/IPP	436	132	137	3.27	136
	Gas/Diesel/Others	209	0	0	0.00	0
	Total J & K	1094	572	577	13.83	576
Total State Control Area Generation		40347	17863	18423	437.26	17730
J. Net Inter Regional Exchange (import +ve)/Export (-ve)			4239.58	4967.99	106.63	4443
Total Regional Availability(Gross)		65319	40427	40479	960.62	39537

IV. Total Hydro Generation:

Regional Entities Hydro	11969	9911	8467	213.715820	8905
State Control Area Hydro	5684	2844	2833	82.17	2935
Total Regional Hydro	17654	12755	11300	295.88	11840

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	MU		
Vindhyachal B/B	-200	150	150	200	1.72	2.07	-0.36		
Gwalior-Agra (D/C)	1484	1231	1960	0	33.16	0.00	33.16		
Zerda-Kankroli	-236	-447	0	468	0.00	8.19	-8.19		
Zerda-Bhinmal	-185	-380	0	403	0.00	6.34	-6.34		
Malanpur-Auraiya	28	84	0	104	0.00	1.33	-1.33		
Badod-Kota/Morak	-49	-129	0	135	0.00	1.89	-1.89		
Mundra-Mohinderghar(HVDC)	2002	2502	2505	0	50.55	0.00	50.55		
Vindhyachal - Rihand	430	451	492	0	10.87	0.00	10.87		
Sub Total WR	3274	3462			96.29	19.82	76.48		
Pusauli Bypass	-247	-303	0	410	0.00	7.00	-7.00		
MZP- GKP (D/C)	159	488	518	0	6.35	0.00	6.35		
Patna-Balia(D/C)	407	430	522	0	10.60	0.00	10.60		
B'Sharif-Balia (D/C)	121	177	204	0	5.22	0.00	5.22		
Pusauli-Balia	131	123	181	0	1.47	0.00	1.47		
Gaya-Fatehpur (765 Kv)	180	207	307	20	5.00	0.00	5.00		
Pusauli-Sahupuri	149	226	226	0	4.25	0.00	4.25		
K'nasa-Sahupuri	0	0	0	0	0.96	0.00	0.96		
Son Ngr-Rihand	-36	-42	0	47	0.00	0.90	-0.90		
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00		
Sasaram - Fatehpur(765 KV)	102	200	257	35	4.21	0.00	4.21		
Sub Total ER	966	1506			38.05	7.90	30.15		
Total IR Exch	4240	4968			134.34	27.72	106.63		

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	
29.88	1.06	30.94	4.48	1.98	11.79	0.40	0.79	-0.79	

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
47.99	64.51	112.50	30.15	76.48	106.63	-17.84	11.97	-5.87

V(C). Inter National Exchange with Nepal [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	MU		
132 KV Tanakpur - Mahendarnagar	37	39	0	-42	0	1	-0.89		

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	1.24	9.04	35.46	59.41	23.33	8.25	0.16	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					
50.21	5.05	49.71	14.49	50.01	0.06	0.07	50.22	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	403	00:00	400	16:56	0.0	0.0	0.0	0.0
Gorakhpur	400	415	07:04	398	22:08	0.0	0.0	0.0	0.0
Bareilly	400	418	08:00	396	20:00	0.0	0.0	0.0	0.0
Kanpur	400	415	07:05	403	14:49	0.0	0.0	0.0	0.0
Dadri	400	422	21:40	401	14:49	23.2	23.2	0.1	0.0
Ballabgarh	400	423	21:20	404	14:26	0.0	0.0	7.0	0.0
Bawana	400	420	21:19	403	00:00	0.0	0.0	0.0	0.0
Bassi	400	418	18:02	396	10:42	0.0	0.0	0.0	0.0
Hissar	400	410	21:20	392	00:00	0.0	0.0	0.0	0.0
Moga	400	418	21:20	401	13:41	0.0	0.0	0.0	0.0
Abdullapur	400	416	05:07	396	12:46	0.0	0.0	0.0	0.0
Nalagarh	400	416	05:03	400	14:49	0.0	0.0	0.0	0.0
Kishenpur	400	418	03:38	409	05:55	0.0	0.0	0.0	0.0
Wagoora	400	412	02:59	390	20:43	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	784	18:03	752	22:53	0.0	0.0	0.0	0.0
Balia	765	778	07:06	745	14:47	0.0	0.0	0.0	0.0
Moga	765	799	21:20	766	13:41	0.0	0.0	0.0	0.0
Agra	765	790	21:16	761	09:40	0.0	0.0	0.0	0.0
Bhiwani	765	781	23:44	781	23:44	0.0	0.0	0.0	0.0
Unnao	765	766	21:21	740	14:47	0.0	1.1	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	485.78	610.73	481.76	503.43	785.40	636.99
Pong	426.72	384.05	405.32	352.07	403.17	296.79	182.87	235.54
Tehri	829.79	740.04	757.70	103.00	751.75	60.00	156.68	259.00
Koteshwar	612.50	598.50	610.15	4.95	610.71	4.95	259.00	297.00
Chamera-I	760.00	748.75	756.82	0.00	0.00	0.00	475.87	355.44
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	523.40	7.18	519.76	4.38	323.55	257.15

* 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	689	1144	0	682	50	0	16.74	17.66	34.40
Delhi	331	53	-30	325	344	0	8.12	4.68	12.80
Haryana	68	148	0	135	176	0	2.01	4.66	6.67
HP	-1067	-383	0	-611	-472	0	-18.11	-9.79	-27.90
J&K	-517	-76	0	-304	-15	0	-8.97	-0.38	-9.35
CHD	0	0	0	0	10	0	0.24	0.17	0.41
Rajasthan	-121	423	2	-117	675	2	-2.85	14.98	12.13
UP	976	294	0	411	0	0	13.18	1.47	14.65
Uttarakhand	74	80	49	74	295	49	1.76	4.67	6.44
Total	433	1683	21	594	1063	51	12.11	38.13	50.24

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	786	682	1196	10	2	0
Delhi	433	157	595	-259	0	-30
Haryana	135	64	348	145	0	0
HP	-611	-1067	-383	-472	0	0
J&K	-263	-517	59	-91	0	0
CHD	30	0	35	0	0	0
Rajasthan	-117	-121	952	-250	2	2
UP	1018	338	294	0	0	0
Uttarakhand	74	74	316	41	49	47

XI. System Constraints:**XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 11.05.2015 :**

1)Thunderstorm in some area of Punjab,Haryana,HP,Uttanchal & UP.

XIV. Synchronisation of new generating units :**XV. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :**

0.00

XVI. Tripping of lines in pooling stations :**XVII. Complete generation loss in a generating station :**