

# पावर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(पावरसिड की पूर्ण स्वामित्व प्राप्त महायुक्त कंपनी)



## उत्तरी क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 21.04.2015  
Date of Reporting : 22.04.2015

### I. Regional Availability/Demand:

Evening Peak (20:00 Hrs) MW				Off Peak (03:00 Hrs) MW				Day Energy (Net MU)	
Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage	Requirement	Freq* (Hz)	Demand Met	Shortage
39346	2478	41824	50.07	33968	2253	36220	50.02	842.4	51.75

\* Half hourly (two 15 minutes block-one block each before and after the designated time) average frequency

### II. A. State's Load Details (At States periphery) in MUs:

State	State's Control Area Generation (Net MU)				Drawal Schedule (Net MU)	Actual Drawal (Net MU)	UI (Net MU)	Consumption (Net MU)	Shortages* (MU)
	Thermal	Hydro	Renewable/others \$	Total					
Punjab	33.47	4.27		37.74	67.30	66.32	-0.98	104.06	0.00
Haryana	29.02	0.70		29.72	84.70	83.60	-1.10	113.32	0.14
Rajasthan	113.49	0.00	6.83	120.32	60.87	60.22	-0.65	180.54	0.00
Delhi	20.95			20.95	64.22	63.69	-0.53	84.64	0.03
UP	139.80	8.50		148.30	110.79	110.24	-0.55	258.54	43.67
Uttarakhand		11.50		11.50	22.54	24.35	1.82	35.85	0.48
HP		12.19		12.19	11.25	11.48	0.23	23.67	0.00
J & K		13.52	0.00	13.52	23.57	23.65	0.08	37.18	7.44
Chandigarh				0.00	4.60	4.59	0.27	4.59	0.00
<b>Total</b>	<b>336.73</b>	<b>50.67</b>	<b>6.83</b>	<b>394.24</b>	<b>449.84</b>	<b>448.15</b>	<b>-1.41</b>	<b>842.39</b>	<b>51.75</b>

\* Shortage furnished by the respective constituent.\$ Others include UP Co-generation and JK Diesel

### II. B. State's Demand Met in MWs:

State	Evening Peak (20:00 Hrs) MW				Off Peak (03:00 Hrs) MW				# Max(hourly) Demand Met of Day (MW)
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction	
Punjab	5372	0	115	-148	4111	0	-103	317	5372
Haryana	6024	0	-84	519	4559	0	124	36	6027
Rajasthan	7478	0	-265	646	7312	0	-50	383	8015
Delhi	3769	0	-83	143	3293	0	-60	-215	4037
UP	11795	2035	221	230	11090	1990	154	476	11795
Uttarakhand	1762	75	70	475	1389	0	72	361	1762
HP	1083	0	58	-782	759	0	-101	-60	1159
J&K	1840	368	169	-136	1313	263	-117	-121	1840
Chandigarh	223	0	4	0	142	0	-5	0	227
<b>Total</b>	<b>39346</b>	<b>2478</b>	<b>204</b>	<b>947</b>	<b>33968</b>	<b>2253</b>	<b>-86</b>	<b>1177</b>	<b>39346</b>

!! STOA figures are at sellers boundary & PX figures are at regional boundary. # figures may not be at simultaneous hour.

Diversity is 1.02

### III. Regional Entities :

Entity	Station/ Constituent	Inst. Capacity	Declared Capacity(MW)	Peak MW	Off Peak MW	Energy	Average	Schedule	UI
		(Effective) MW		(Gross)	(Gross)	(Net MU)	Sentout(MW)	Net MU	Net MU
A. NTPC	Singrauli STPS (5*200+2*500)	2000	1707	1853	1858	44.22	1842	40.94	3.28
	Rihand I STPS (2*500)	1000	782	678	894	19.55	814	17.95	1.59
	Rihand II STPS (2*500)	1000	469	504	516	12.11	505	10.74	1.37
	Rihand III STPS (2*500)	1000	962	781	1012	23.40	975	22.09	1.31
	Dadri I STPS (4*210)	840	615	528	587	14.40	600	13.87	0.53
	Dadri II STPS (2*490)	980	980	709	886	18.45	769	18.71	-0.26
	Unchahar I TPS (2*210)	420	405	305	418	8.66	361	8.84	-0.18
	Unchahar II TPS (2*210)	420	401	309	432	7.95	331	7.92	0.03
	Unchahar III TPS (1*220)	210	0	0	0	0.00	0	0.00	0.00
	ISTPP (Jhajjar) (3*500)	1500	1500	863	621	15.36	640	16.28	-0.92
	Dadri GPS (4*130.19+2*154.51)	830	806	186	389	5.80	242	5.86	-0.06
	Anta GPS (3*88.71+1*153.2)	419	393	235	115	4.97	207	4.83	0.14
	Auraiya GPS (4*111.19+2*109.30)	663	652	155	160	3.74	156	3.77	-0.03
	Dadri Solar	5	1	0	0	0.02	1	0.03	-0.01
	Unchahar Solar	10	3	0	0	0.03	1	0.06	-0.03
	Singrauli Solar	15	3	0	0	0.05	2	0.07	-0.02
	KHEP	400	0	0	0	0.00	0	0.00	0.00
<b>Sub Total (A)</b>	<b>11712</b>	<b>9678</b>	<b>7106</b>	<b>7888</b>	<b>179</b>	<b>7446</b>	<b>172</b>	<b>7</b>	
B. NPC	NAPS (2*220)	440	333	406	401	8.46	353	7.98	0.48
	RAPS- B (2*220)	440	381	414	420	8.98	374	7.30	1.68
	RAPS- C (2*220)	440	410	440	443	9.47	395	9.84	-0.37
	<b>Sub Total (B)</b>	<b>1320</b>	<b>1124</b>	<b>1260</b>	<b>1264</b>	<b>26.92</b>	<b>1121</b>	<b>25.12</b>	<b>1.80</b>
C. NHPC	Chamera I HPS (3*180)	540	534	537	356	9.26	386	9.10	0.17
	Chamera II HPS (3*100)	300	300	291	281	7.07	295	7.07	0.00
	Chamera III HPS (3*77)	231	231	223	235	5.40	225	5.16	0.24
	Bairasuil HPS(3*60)	180	120	120	120	2.91	121	2.88	0.03
	Salal-HPS (6*115)	690	645	665	665	15.77	657	15.49	0.28
	Tanakpur-HPS (3*40)	94	44	45	49	1.17	49	1.05	0.12
	Uri-I HPS (4*120)	480	467	469	472	11.40	475	11.22	0.18
	Uri-II HPS (4*60)	240	0	0	0	0.00	0	0.00	0.00
	Dhauliganga-HPS (4*70)	280	140	140	0	2.93	122	2.73	0.20
	Dulhasti-HPS (3*130)	390	387	405	404	9.47	395	9.29	0.18
	Sewa-II HPS (3*40)	120	119	128	130	3.08	128	2.86	0.22
	Parbati 3 (4*130)	520	355	130	0	1.95	81	2.09	-0.13
	<b>Sub Total (C)</b>	<b>4065</b>	<b>3343</b>	<b>3154</b>	<b>2712</b>	<b>70</b>	<b>2934</b>	<b>69</b>	<b>1</b>
	D.SJVNL	NJPC (6*250)	1500	1605	1603	197	15.27	636	15.00
Rampur HEP (6*68.67)		412	430	435	69	4.35	181	4.15	0.20
<b>Sub Total (D)</b>		<b>1912</b>	<b>2035</b>	<b>2038</b>	<b>266</b>	<b>19.62</b>	<b>817</b>	<b>19.15</b>	<b>0.47</b>
E. THDC	Tehri HPS (4*250)	1000	510	513	0	6.76	282	6.70	0.06
	Koteswar HPS (4*100)	400	129	302	90	3.13	130	3.10	0.03
	<b>Sub Total (E)</b>	<b>1400</b>	<b>639</b>	<b>815</b>	<b>90</b>	<b>9.89</b>	<b>412</b>	<b>9.80</b>	<b>0.09</b>
F. BBMB	Bhakra HPS (3*108+2*126+6*157)	1514	343	772	301	8.26	344	8.22	0.04
	Dehar HPS (6*165)	990	610	660	560	14.90	621	14.65	0.24
	Pong HPS (6*66)	396	6	124	0	0.15	6	0.16	-0.01
	<b>Sub Total (F)</b>	<b>2900</b>	<b>959</b>	<b>1556</b>	<b>861</b>	<b>23.30</b>	<b>971</b>	<b>23.03</b>	<b>0.27</b>
G. IPP(s)/JV(s)	ALLAIN DUHANGAN HPS(IPP) (2*96)	192	0	198	29	1.82	76	1.68	0.14
	KARCHAM WANGTOO HPS(IPP) (4*250)	1000	0	890	150	7.79	325	7.82	-0.03
	Malana Stg-II HPS (2*50)	100	0	35	25	1.04	43	0.97	0.07
	Shree Cement TPS (2*150)	300	0	295	288	6.69	279	6.51	0.18
	Budhil HPS(IPP)	70	0	71	0	0.81	34	0.77	0.04
	<b>Sub Total (G)</b>	<b>1662</b>	<b>0</b>	<b>1490</b>	<b>493</b>	<b>18.16</b>	<b>756</b>	<b>17.76</b>	<b>0.40</b>
<b>H. Total Regional Entities (A-G)</b>	<b>24972</b>	<b>17778</b>	<b>17418</b>	<b>13573</b>	<b>347.00</b>	<b>14458</b>	<b>335.76</b>	<b>11.25</b>	

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	830	510	13.93	580	
	Guru Nanak Dev TPS(Bhatinda) (4*110)	440	115	115	2.46	102	
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	251	192	4.62	193	
	Goindwal(GVK)		0	0	0.00	0	
	Rajpura (2*700)	1400	688	542	12.46	519	
	Talwandi Saboo (1*660)	660	0	0	0.00	0	
	<b>Thermal (Total)</b>	<b>4680</b>	<b>1884</b>	<b>1359</b>	<b>33.47</b>	<b>1395</b>	
	Total Hydro	1148	405	105	4.27	178	
	<b>Total Punjab</b>	<b>5828</b>	<b>2289</b>	<b>1464</b>	<b>37.74</b>	<b>1572</b>	
	Haryana	Panipat TPS (4*110+2*210+2*250)	1367	0	0	0.00	0
DCRTPP (Yamuna nagar) (2*300)		600	234	239	5.92	247	
Faridabad GPS (NTPC)		432	0	0	0.00	0	
RGTPP (khedar) (IPP) (2*600)		1200	0	0	0.00	0	
Magnum Diesel (IPP)		25	0	0	0.00	0	
Jhajjar(CLP) (2*660)		1320	874	973	23.10	963	
<b>Thermal (Total)</b>		<b>4944</b>	<b>1108</b>	<b>1212</b>	<b>29.02</b>	<b>1209</b>	
Total Hydro		62	25	25	0.70	29	
<b>Total Haryana</b>		<b>5006</b>	<b>1133</b>	<b>1237</b>	<b>29.72</b>	<b>1238</b>	
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	1055	971	24.84	1035
		suratgarh TPS (6*250)	1500	372	377	9.03	376
	Chabra TPS (4*250)	1000	571	609	14.71	613	
	Dholpur GPS (3*110)	330	93	103	2.33	97	
	Ramgarh GPS (1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	180	129	4.35	181	
	RAPS A (NPC) (1*100+1*200)	300	0	0	0.00	0	
	Barsingsar (NLC) (2*125)	250	90	97	2.11	88	
	Giral LTPS (2*125)	250	75	77	1.71	71	
	Rajwest LTPS (IPP) (8*135)	1080	726	723	17.22	718	
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0	
	Kalisindh Thermal(1*600)	600	480	440	10.38	432	
	Kawai(Adani) (2*660)	1320	870	1210	26.80	1117	
	<b>Thermal (Total)</b>	<b>8276</b>	<b>4512</b>	<b>4736</b>	<b>113</b>	<b>4729</b>	
	Total Hydro	550	0	0	0.00	0	
	Wind power	2798	222	348	6.05	252	
	Biomass	99	32	32	0.76	32	
	Solar	730	0	0	0.02	1	
	Renewable/Others (Total)	3627	254	380	6.83	285	
	<b>Total Rajasthan</b>	<b>12453</b>	<b>4766</b>	<b>5116</b>	<b>120.32</b>	<b>5013</b>	
	UP	Anpara TPS (3*210+2*500)	1630	1322	1184	29.10	1213
		Obra TPS (2*50+2*94+5*200)	1194	304	318	6.90	288
Paricha TPS (2*110+2*220+2*250)		1140	797	731	18.50	771	
Panki TPS (2*105)		210	122	122	3.00	125	
Harduaganj TPS (1*60+1*105+2*250)		665	218	219	5.40	225	
Tanda TPS (NTPC) (4*110)		440	400	380	9.50	396	
Roza TPS (IPP) (4*300)		1200	1058	1071	25.80	1075	
Anpara-C (IPP) (2*600)		1200	1058	869	24.30	1013	
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	241	241	5.30	5325	
Anpara-D		500	0	0	0.00	0	
<b>Thermal (Total)</b>		<b>8629</b>	<b>5520</b>	<b>5135</b>	<b>128</b>	<b>10429</b>	
Vishnuparyag HPS (IPP)		400	144	148	3.40	142	
Other Hydro		527	230	321	5.10	213	
Cogeneration		981	500	500	12.00	500	
<b>Total UP</b>		<b>10537</b>	<b>6394</b>	<b>6104</b>	<b>148.30</b>	<b>11142</b>	
Uttarakhand	Total Hydro	1398	492	484	11.50	479	
	<b>Total Uttarakhand</b>	<b>1398</b>	<b>492</b>	<b>484</b>	<b>11.50</b>	<b>479</b>	
Delhi	Rajghat TPS (2*67.5)	135	50	48	0.79	33	
	Delhi Gas Turbine (6x30 + 3x34)	282	139	77	2.55	106	
	Pragati Gas Turbine (2x104+ 1x122)	330	263	270	6.63	276	
	Rithala GPS (3*36)	95	0	0	0.00	0	
	Bawana GPS (6*250)	1370	277	272	6.69	279	
	Badarpur TPS (NTPC) (3*95+2*210)	705	288	225	4.29	179	
	<b>Thermal (Total)</b>	<b>2917</b>	<b>1017</b>	<b>892</b>	<b>20.95</b>	<b>873</b>	
	<b>Total Delhi</b>	<b>2917</b>	<b>1017</b>	<b>892</b>	<b>20.95</b>	<b>873</b>	
HP	Baspa HPS (IPP) (2*150)	300	89	60	1.67	70	
	Malana HPS (IPP) (2*43)	86	69	31	0.98	41	
	Other Hydro	728	419	393	9.54	398	
	<b>Total HP</b>	<b>1114</b>	<b>577</b>	<b>484</b>	<b>12.19</b>	<b>508</b>	
J & K	Baglihar HPS (IPP) (3*150)	450	440	440	10.56	440	
	Other Hydro/IPP	436	128	135	2.96	123	
	Gas/Diesel/Others	209	0	0	0.00	0	
	<b>Total J &amp; K</b>	<b>1094</b>	<b>568</b>	<b>575</b>	<b>13.52</b>	<b>563</b>	
<b>Total State Control Area Generation</b>		<b>40347</b>	<b>17236</b>	<b>16356</b>	<b>394.24</b>	<b>21389</b>	
<b>J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]</b>			<b>4104</b>	<b>4690</b>	<b>123.52</b>	<b>5147</b>	
<b>Total Regional Availability(Gross)</b>		<b>65319</b>	<b>38758</b>	<b>34620</b>	<b>864.75</b>	<b>40994</b>	

#### IV. Total Hydro Generation:

Regional Entities Hydro	11969	8686	4133	133.876970	5578
State Control Area Hydro	5684	2297	1994	50.67	1970
<b>Total Regional Hydro</b>	<b>17654</b>	<b>10983</b>	<b>6127</b>	<b>184.55</b>	<b>7548</b>

**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	200	100	350	0	6.43	0.00	6.43
Gwalior-Agra (D/C)	1726	2260	2260	0	42.79	0.00	42.79
Zerda-Kankroli	-251	-244	0	426	0.00	6.68	-6.68
Zerda-Bhinmal	-194	-180	0	323	0.00	4.61	-4.61
Malanpur-Auraiya	-60	-27	0	68	0.00	1.07	-1.07
Badod-Kota/Morak	-94	-59	0	97	0.00	2.13	-2.13
Mundra-Mohindergarh(HVDC)	2497	2502	2507	0	60.40	0.00	60.40
Vindhychal - Rihand	-507	-488	507	0	11.63	0.00	11.63
<b>Sub Total WR</b>	<b>3317</b>	<b>3864</b>			<b>121.25</b>	<b>14.49</b>	<b>106.76</b>
Pusauli Bypass	300	200	300	0	6.89	0.00	6.89
MZP- GKP (D/C)	-50	113	128	275	0.00	0.15	-0.15
Patna-Balia(D/C)	342	307	367	0	7.17	0.00	7.17
B'Sharif-Balia (D/C)	-68	-3	0	198	0.00	1.59	-1.59
Pusauli-Balia	-9	78	86	116	0.05	0.00	0.05
Gaya-Fatehpur (765 Kv)	156	62	184	0	2.75	0.00	2.75
Pusauli-Sahupuri	155	198	203	0	4.18	0.00	4.18
K'nasa-Sahupuri	0	0	0	0	0.00	0.00	0.00
Son Ngr-Rihand	-33	-38	0	44	0.00	0.86	-0.86
Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00
Sasaram - Fatehpur(765 KV)	-6	-91	29	174	0.00	1.68	-1.68
<b>Sub Total ER</b>	<b>787</b>	<b>826</b>			<b>21.03</b>	<b>4.28</b>	<b>16.76</b>
<b>Total IR Exch</b>	<b>4104</b>	<b>4690</b>			<b>142.28</b>	<b>18.76</b>	<b>123.52</b>

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

ISGS/LT Schedule (MU)			Bilateral Schedule (MU)		Power Exchange Shdl (MU)		Wheeling (MU)	
ER	Bhutan	Total	Through ER	Through WR	Through ER	Through WR	Through ER	Through WR
24.39	1.34	25.72	0.51	-2.05	7.43	6.32	0.84	-0.84

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
34.50	95.15	129.65	16.76	106.76	123.52	-17.74	11.61	-6.14

**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	1.70	19.75	64.39	65.41	10.37	3.92	0.59	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					
50.35	18.03	49.75	0.09	49.97	0.07	0.08	50.26	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	403	00:00	400	09:36	0.0	0.0	0.0	0.0
Gorakhpur	400	415	00:00	9999	00:00	0.0	0.0	0.0	0.0
Bareilly	400	415	02:55	107	18:52	25.5	25.5	0.0	0.0
Kanpur	400	418	18:03	399	09:37	0.0	0.0	0.0	0.0
Dadri	400	417	03:00	400	11:12	0.0	0.0	0.0	0.0
Ballabgarh	400	423	03:01	402	11:13	0.0	0.0	6.6	0.0
Bawana	400	421	02:55	402	19:23	0.0	0.0	0.7	0.0
Bassi	400	424	18:01	396	10:18	0.0	0.0	1.2	0.0
Hissar	400	0	00:00	9999	00:00	0.0	0.0	0.0	0.0
Moga	400	419	03:54	398	19:37	0.0	0.0	0.0	0.0
Abdullapur	400	422	17:57	396	19:13	0.0	0.0	0.9	0.0
Nalagarh	400	428	02:55	384	21:08	0.0	12.5	26.3	0.0
Kishenpur	400	420	03:00	396	19:40	0.0	0.0	0.0	0.0
Wagooora	400	414	03:43	371	19:48	10.2	22.6	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	779	18:02	745	09:39	0.0	0.0	0.0	0.0
Balia	765	777	18:02	751	04:56	0.0	0.0	0.0	0.0
Moga	765	788	18:09	2	00:00	75.7	75.7	0.0	0.0
Agra	765	792	18:05	751	09:38	0.0	0.0	0.0	0.0
Bhiwani	765	798	03:02	758	19:22	0.0	0.0	0.0	0.0
Unnao	765	763	18:02	726	09:38	0.2	36.0	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	482.81	527.87	482.78	527.87	421.13	240.89
Pong	426.72	384.05	404.49	328.16	402.38	273.51	127.34	11.47
Tehri	829.79	740.04	765.45	168.00	764.50	160.00	102.92	203.00
Koteswar	612.50	598.50	611.60	5.46	610.94	5.05	203.00	208.00
Chamera-I	760.00	748.75	758.50	0.00	0.00	0.00	393.35	250.85
Rihand	268.22	252.98	841.80	140.00	848.70	234.80	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	517.79	2.17	516.58	3.31	249.73	147.19

\* 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	-155	470	2	-155	6	0	-3.71	8.07	4.36
Delhi	-146	-28	-41	-97	280	-41	-2.56	2.90	0.34
Haryana	376	-339	0	382	137	0	9.14	-2.07	7.08
HP	99	-159	0	-307	-475	0	0.18	-6.79	-6.61
J&K	-70	-51	0	-121	-15	0	-2.67	-0.50	-3.17
CHD	0	0	0	0	0	0	0.00	0.12	0.12
Rajasthan	-125	506	2	-101	746	2	-2.80	12.30	9.49
UP	181	294	0	230	0	0	4.71	0.76	5.47
Uttarakhand	0	317	44	0	434	41	0.00	9.16	9.16
<b>Total</b>	<b>160</b>	<b>1011</b>	<b>7</b>	<b>-168</b>	<b>1114</b>	<b>2</b>	<b>2.29</b>	<b>23.95</b>	<b>26.24</b>

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-155	-155	510	2	2	0
Delhi	-68	-146	352	-118	0	-41
Haryana	386	376	177	-652	0	0
HP	99	-307	-109	-613	0	0
J&K	-70	-151	84	-101	0	0
CHD	0	0	20	0	0	0
Rajasthan	-101	-125	746	-213	2	2
UP	235	161	294	0	0	0
Uttarakhand	0	0	482	282	46	4

**XI. System Constraints:****XII. Grid Disturbance / Any Other Significant Event:****XIII. Weather Conditions For 21.04.2015 :**

Normal

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

I. 400 kV Barilley(765 kV)-Kashipur-II charged first time at 1855 hrs. dated 21/04/15

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