

पॉवर सिस्टम ऑपरेशन कार्पोरेशन लिमिटेड

(भारत सरकार का उद्यम)

उत्तर क्षेत्रीय भार प्रेषण केंद्र

CIN: U40105DL2009GOI188682

Power Supply Position in Northern Region for 26.01.2018
Date of Reporting : 27.01.2018



I. Regional Availability/Demand:

Evening Peak (19:00 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
38961	553	39514	49.96	30588	313	30902	49.98	863.37	11.36

* 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)
	Thermal	Hydro	Gas/Naptha/Diesal	Solar	Wind	Other (Biomass/Small hydro/Co-Generation etc.)	Total				
Punjab	59.01	9.08	0.00	2.61	0.00	2.34	73.03	22.19	21.81	-0.38	94.85
Haryana	49.93	0.10	0.00	0.01	0.00	0.11	50.16	52.85	53.50	0.65	103.66
Rajasthan	116.21	4.06	4.46	2.67	2.24	4.99	134.63	74.88	78.11	3.23	212.74
Delhi	0.00	0.00	13.37	0.00	0.00	0.00	13.37	43.94	44.30	0.36	57.67
UP	150.17	7.43	0.00	0.00	0.00	21.60	179.20	102.32	103.55	1.23	282.75
Uttarakhand	0.00	7.59	0.00	0.11	0.00	0.00	7.69	22.99	25.60	2.61	33.29
HP	0.00	2.76	0.00	0.00	0.00	1.25	4.01	19.95	20.41	0.46	24.42
J & K	0.00	7.18	0.00	0.00	0.00	0.10	7.18	43.28	43.42	0.14	50.60
Chandigarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07	3.39	0.32	3.39
Total	375.32	38.19	17.84	5.39	2.24	30.39	469.27	385.48	394.10	8.62	863.37

* 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 (19:00 Hrs) MW				Off Peak (03:00 Hrs) MW				Maximum Demand Met (MW) and Time(Hrs)	Shortage (MW)	
	Demand Met	Shortage	UI	STOA/PX transaction	Demand Met	Shortage	UI	STOA/PX transaction			
Punjab	4408	0	109	-1485	3006	0	59	-1383	4723	9	0
Haryana	5603	0	-5	-513	3633	0	48	-312	5603	19	0
Rajasthan	8696	0	132	-94	7981	0	69	98	11300	8	0
Delhi	2451	0	-115	-885	1644	0	61	-1065	3542	11	0
UP	12566	0	168	-47	10395	0	-4	-52	13742	7	560
Uttarakhand	1738	0	190	514	1221	0	58	374	1797	8	0
HP	1131	4	319	468	850	0	35	481	1369	9	0
J&K	2195	549	178	1040	1776	313	43	845	2195	19	549
Chandigarh	174	0	19	-31	83	0	6	-31	210	9	0
Total	38961	553	994	-1033	30588	313	375	-1044	41477	9	888

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

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III. Regional Entities :

Station/ Constituent	Inst. Capacity	Declared	Peak MW	Off Peak MW	Energy	Average	Schedule	UI
	(Effective) MW	Capacity(MW)	(Gross)	(Gross)	(Net MU)	Output(MW)	Net MU	Net MU
A. NTPC								
Singrauli STPS (5*200+2*500)	2000	1707	1866	1870	41.40	1725	40.70	0.70
Rihand I STPS (2*500)	1000	875	918	944	20.68	862	20.84	-0.16
Rihand II STPS (2*500)	1000	943	991	1022	22.66	944	22.25	0.41
Rihand III STPS (2*500)	1000	943	980	979	22.35	931	22.06	0.29
Dadri I STPS (4*210)	840	769	461	467	11.80	491	11.67	0.13
Dadri II STPS (2*490)	980	929	526	541	15.15	631	15.88	-0.73
Unchahar I TPS (2*210)	420	350	261	234	6.57	274	6.73	-0.16
Unchahar II TPS (2*210)	420	383	246	231	6.89	287	6.97	-0.09
Unchahar III TPS (1*210)	210	192	120	116	3.49	146	3.59	-0.09
Unchahar IV TPS (1*500)	500	0	0	0	0.00	0	0.00	0.00
ISTPP (Jhajjar) (3*500)	1500	948	598	595	15.53	647	15.93	-0.40
Dadri GPS (4*130.19+2*154.51)	830	838	0	0	0.00	0	0.00	0.00
Anta GPS (3*88.71+1*153.2)	419	421	0	0	0.00	0	0.00	0.00
Auraiya GPS (4*111.19+2*109.30)	663	652	112	95	3.10	129	3.24	-0.15
Dadri Solar(5)	5	0	0	0	0.01	0	0.01	0.00
Unchahar Solar(10)	10	1	0	0	0.03	1	0.03	0.01
Singrauli Solar(15)	15	2	0	0	0.04	2	0.06	-0.02
KHEP(4*200)	800	792	802	0	2.67	111	2.38	0.29
Sub Total (A)	12612	10743	7881	7094	172	7182	172	0.03
B. NPC								
NAPS (2*220)	440	419	454	457	10.03	418	10.01	0.02
RAPS- B (2*220)	440	195	217	217	4.68	195	4.68	0.00
RAPS- C (2*220)	440	417	463	465	10.07	420	10.01	0.06
Sub Total (B)	1320	1031	1134	1139	24.78	1032	24.70	0.07
C. NHPC								
Chamera I HPS (3*180)	540	534	414	0	1.73	72	1.60	0.13
Chamera II HPS (3*100)	300	296	299	0	1.16	48	1.07	0.08
Chamera III HPS (3*77)	231	228	159	0	0.79	33	0.69	0.10
Bairasuil HPS(3*60)	180	59	123	0	0.36	15	0.36	0.00
Salal-HPS (6*115)	690	70	340	30	1.93	81	1.68	0.25
Tanakpur-HPS (3*31.4)	94	23	32	25	0.60	25	0.55	0.05
Uri-I HPS (4*120)	480	69	230	22	1.87	78	1.67	0.20
Uri-II HPS (4*60)	240	48	88	37	1.18	49	1.14	0.04
Dhauliganga-HPS (4*70)	280	52	279	0	0.84	35	0.84	0.00
Dulhasti-HPS (3*130)	390	257	262	0	2.69	112	2.50	0.19
Sewa-II HPS (3*40)	120	119	116	0	0.27	11	0.36	-0.09
Parbati 3 (4*130)	520	16	129	0	0.40	17	0.39	0.02
Sub Total (C)	4065	1770	2471	114	14	576	13	0.98
D. SJVNL								
NJPC (6*250)	1500	1497	386	0	5.62	234	5.51	0.12
Rampur HEP (6*68.67)	412	412	109	0	1.57	65	1.54	0.03
Sub Total (D)	1912	1910	495	0	7.19	300	7.05	0.15
E. THDC								
Tehri HPS (4*250)	1000	920	909	0	7.70	321	7.60	0.10
Koteshwar HPS (4*100)	400	126	400	90	3.06	128	3.03	0.03
Sub Total (E)	1400	1046	1309	90	10.76	449	10.63	0.13
F. BBMB								
Bhakra HPS (2*108+3*126+5*157)	1379	591	1136	407	14.27	595	12.40	1.88
Dehar HPS (6*165)	990	105	495	0	2.69	112	2.52	0.17
Pong HPS (6*66)	396	166	330	0	4.01	167	3.98	0.03
Sub Total (F)	2765	861	1961	407	20.97	874	18.90	2.07
G. IPP(s)/JV(s)								
Allain Duhangan HPS(IPP) (2*96)	192	0	0	0	0.33	14	0.31	0.01
Karcham Wangtoo HPS(IPP) (4*250)	1000	0	775	0	3.14	131	3.08	0.06
Malana Stg-II HPS (2*50)	100	0	0	0	0.18	7	0.18	0.00
Shree Cement TPS (2*150)	300	0	-1	-3	-0.04	-2	0.43	-0.47
Budhil HPS(IPP) (2*35)	70	0	0	0	0.00	0	0.14	-0.14
Sainj HPS (IPP) (2*50)	100	0	0	0	0.00	0	0.25	0.00
Sub Total (G)	1762	0	774	-3	3.61	150	4.14	-0.54
H. Total Regional Entities (A-G)	25837	17362	16024	8840	253.49	10562	250.59	2.90

I. State Entities	Station	Effective Installed Capacity (MW)	Peak MW	Off Peak MW	Energy(MU)	Average(S entout MW)
Punjab	Guru Gobind Singh TPS (Ropar) (6*210)	1260	160	160	2.17	91
	Guru Nanak Dev TPS(Bhatinda) (2*110+2*120)	460	0	0	-0.02	-1
	Guru Hargobind Singh TPS(L.mbt) (2*210+2*250)	920	373	563	12.11	505
	Goindwal(GVK) (2*270)	540	145	0	1.40	58
	Rajpura (2*700)	1400	660	510	14.74	614
	Talwandi Saboo (3*660)	1980	1500	924	28.61	1192
	Thermal (Total)	6560	2838	2157	59.01	2459
	Total Hydro	1000	239	160	9.08	378
	Wind Power	0	0	0	0.00	0
	Biomass	303	0	0	2.34	98
	Solar	859	0	0	2.61	109
	Renewable(Total)	1162	0	0	4.95	206
	Total Punjab	8722	3077	2317	73.03	3043
	Haryana	Panipat TPS (2*210+2*250)	920	0	0	0.00
DCRTPP (Yamuna nagar) (2*300)		600	456	457	10.74	448
Faridabad GPS (NTPC)(2*137.75+1*156)		432	0	0	0.00	0
RGTPP (khedar) (IPP) (2*600)		1200	759	751	18.17	757
Magnum Diesel (IPP)		25	0	0	0.00	0
Jhajjar(CLP) (2*660)		1320	749	739	21.03	876
Thermal (Total)		4497	1964	1947	49.93	2081
Total Hydro		62	3	5	0.10	4
Wind Power		0	0	0	0.00	0
Biomass		106	0	0	0.11	5
Solar		50	0	0	0.01	0
Renewable(Total)		156	0	0	0.12	5
Total Haryana		4715	1967	1952	50.16	2090
Rajasthan		kota TPS (2*110+2*195+3*210)	1240	928	914	24.92
	suratgarh TPS (6*250)	1500	919	905	24.10	1004
	Chabra TPS (4*250)	1000	688	695	16.35	681
	Chabra TPS (1*660)	660	0	0	0.00	0
	Dholpur GPS (3*110)	330	0	0	0.00	0
	Ramgarh GPS(1*37.5 + 1*35.5 +2*37.5 +1*110 +1*50)	271	185	189	4.46	186
	RAPS A (NPC) (1*100+1*200)	300	194	195	4.50	187
	Barsingsar (NLC) (2*125)	250	219	219	5.14	214
	Giral LTPS (2*125)	250	0	0	0.00	0
	Rajwest LTPS (IPP) (8*135)	1080	832	828	19.94	831
	VS LIGNITE LTPS (IPP) (1*135)	135	0	0	0.00	0
	Kalisindh Thermal(2*600)	1200	1060	1095	25.77	1074
	Kawai(Adani) (2*660)	1320	0	0	0.00	0
	Thermal (Total)	9536	5025	5040	125.17	5215
	Total Hydro	550	147	94	4.06	169
	Wind power	4292	86	117	2.24	93
	Biomass	102	21	21	0.49	21
	Solar	1995	0	0	2.67	111
	Renewable/Others (Total)	6389	107	138	5.40	225
	Total Rajasthan	16475	5279	5272	134.63	5609
	UP	Anpara TPS (3*210+2*500)	1630	1352	1068	33.11
Obra TPS (2*50+2*94+5*200)		1194	447	390	10.56	440
Paricha TPS (2*110+2*220+2*250)		1160	636	590	17.99	750
Panki TPS (2*105)		210	0	0	0.00	0
Harduaganj TPS (1*60+1*105+2*250)		665	312	319	8.60	358
Tanda TPS (NTPC) (4*110)		440	329	274	8.19	341
Roza TPS (IPP) (4*300)		1200	766	737	20.29	845
Anpara-C (IPP) (2*600)		1200	1110	1092	25.91	1080
Bajaj Energy Pvt.Ltd(IPP) TPS (10*45)		450	0	0	0.00	0
Anpara-D(2*500)		1000	451	453	10.69	445
Lalitpur TPS(3*660)		1980	0	323	1.55	64
Bara(2*660)		1320	591	379	13.28	553
Thermal (Total)		12449	5994	5625	150.17	6257
Vishnuparyag HPS (IPP)(4*110)		440	73	73	1.75	73
Alakanada(4*82.5)		330	72	0	1.18	49
Other Hydro		527	86	178	4.49	187
Cogeneration		981	900	900	21.60	900
Wind Power		0	0	0	0.00	0
Biomass		26	0	0	0.00	0
Solar		102	0	0	0.00	0
Renewable(Total)		128	0	0	0.00	0
Total UP	14855	7125	6776	179.20	7467	
Uttarakhand	Other Hydro	1250	515	286	7.59	316
	Total Gas	450	0	0	0.00	0
	Wind Power	0	0	0	0.00	0
	Biomass	127	0	0	0.00	0
	Solar	100	0	0	0.11	4
	Small Hydro (< 25 MW)	180	0	0	0.00	0
	Renewable(Total)	407	0	0	0.11	4
	Total Uttarakhand	2107	515	286	7.69	321
Delhi	Rajghat TPS (2*67.5)	135	0	0	0.00	0
	Delhi Gas Turbine (6x30 + 3x34)	282	41	41	0.91	38
	Pragati Gas Turbine (2x104+ 1x122)	330	266	275	6.52	272
	Rithala GPS (3*36)	95	0	0	0.00	0
	Bawana GPS (4*216+2*253)	1370	253	240	5.94	247
	Badarpur TPS (NTPC) (3*95+2*210)	705	0	0	0.00	0
	Thermal (Total)	2917	560	556	13.37	557
	Wind Power	0	0	0	0.00	0
	Biomass	16	0	0	0.00	0
	Solar	2	0	0	0.00	0
	Renewable(Total)	18	0	0	0.00	0
	Total Delhi	2935	560	556	13.37	557

HP	Baspa HPS (IPP) (3*100)	300	184	0	0.84	35
	Malana HPS (IPP) (2*43)	86	0	0	0.19	8
	Other Hydro (>25MW)	372	89	54	1.72	72
	Wind Power	0	0	0	0.00	0
	Biomass	0	0	0	0.00	0
	Solar	0	0	0	0.00	0
	Small Hydro (< 25 MW)	486	103	25	1.25	52
	Renewable(Total)	486	103	25	1.25	52
	Total HP	1244	376	79	4.01	167
J & K	Baglihar HPS (IPP) (3*150+3*150)	900	119	118	2.83	118
	Other Hydro/IPP(including 98 MW Small Hydro)	308	1995	1638	4.34	181
	Gas/Diesel/Others	190	0	0	0.00	0
	Wind Power	0	0	0	0.00	0
	Biomass	0	0	0	0.00	0
	Solar	0	0	0	0.00	0
	Small Hydro (< 25 MW)Included in Other Hydro Above	98	82	20	0.10	4
	Renewable(Total)	98	82	20	0.10	4
	Total J & K	1398	2114	1756	7	299
Total State Control Area Generation		52451	21013	18994	469.27	19553
J. Net Inter Regional Exchange [Import (+ve)/Export (-ve)]			7466	7338	174.71	7280
Total Regional Availability(Gross)		78288	44503	35173	897.47	37395

IV. Total Hydro Generation:

Regional Entities Hydro	12234	7813	611	59.06	2461
State Control Area Hydro	7468	3625	2631	38.19	1648
Total Regional Hydro	19702	11438	3242	97.25	4109

V. Total Renewable Generation:

Regional Entities Renewable	30	0	0	0.09	4
State Control Area Renewable	8844	292	183	11.93	497
Total Regional Renewable	8874	292	183	12.01	500

VI(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	Import	Export	
Vindhychal(HVDC B/B)	-150	-250	250	250	2.52	0.95	1.57		
765 KV Gwalior-Agra (D/C)	2228	2307	2766	0	54.20	0.00	54.20		
400 KV Zerda-Kankroli	-100	-184	74	184	0.00	2.40	-2.40		
400 KV Zerda-Bhinmal	-16	-73	233	112	0.05	0.00	0.05		
220 KV Auraiya-Malanpur	-104	-76	0	145	0.00	2.57	-2.57		
220 KV Badod-Kota/Morak	-24	-45	62	59	0.00	0.24	-0.24		
Mundra-Mohindergarh(HVDC Bipole)	801	798	804	0	17.28	0.00	17.28		
400 KV RAPPCC-Sujalpur	364	248	506	0	7.13	0.00	7.13		
400 KV Vindhychal-Rihand	-950	-918	0	1003	0.00	22.57	-22.57		
765 kV Phagi-Gwalior (D/C)	1127	1244	1554	0	31.87	0.00	31.87		
+/- 800 kV HVDC Champa-Kurushetra	2000	2000	2500	0	49.29	0	49.29		
Sub Total WR	5176	5051			162.32	28.72	133.60		
400 kV Sasaram - Varanasi	160	159	177	0	3.70	0.00	3.70		
400 kV Sasaram - Allahabad	84	85	112	0	1.96	0.00	1.96		
400 KV MZP- GKP (D/C)	151	243	493	0	7.13	0.00	7.13		
400 KV Patna-Balia(D/C) X 2	543	533	894	0	15.37	0.00	15.37		
400 KV B'Sharif-Balia (D/C)	86	136	289	0	4.20	0.00	4.20		
765 KV Gaya-Balia	174	169	273	0	4.92	0.00	4.92		
765 KV Gaya-Varanasi (D/C)	307	197	577	0	7.90	0.00	7.90		
220 KV Pusauli-Sahupuri	0	0	0	0	0.00	0.00	0.00		
132 KV K'hasa-Sahupuri	0	0	0	0	0.96	0.00	0.96		
132 KV Son Ngr-Rihand	0	0	0	0	0.00	0.48	-0.48		
132 KV Garhwa-Rihand	0	0	0	0	0.00	0.00	0.00		
765 KV Sasaram - Fatehpur	58	35	153	58	0.82	0.00	0.82		
400 KV Motihari -GKP (D/C)	212	220	324	0	5.46	0.00	5.46		
400 kV B'Sharif - Varanasi (D/C)	15	10	206	49	1.38	0.00	1.38		
+/- 800 KV HVDC Alipurduar-Agra	0	0	0	0	0.00	0.00	0.00		
Sub Total ER	1790	1787			53.79	0.48	53.32		
+/- 800 KV HVDC BiswanathCharialli-Agra	500	500	0	500.00	0.00	12.20	-12.20		
Sub Total NER	500	500			0.00	12.20	-12.20		
Total IR Exch	7466	7338			216.11	41.40	174.71		

VI(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
45.16	0.30	45.46	-3.15	-28.43	4.26	-1.03	0.00	0.00

Total IR Schedule (MU)			Total IR Actual (MU)			Net IR UI (MU)		
Through ER	Through WR Incls Mndra	Total	Through ER(including NER)	Through WR	Total	Through ER (including NER)	Through WR	Total
46.57	120.83	167.40	41.12	133.60	174.71	-5.45	12.77	7.32

VI(C). Inter National Exchange with Nepal [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	Import	Export	
132 KV Tanakpur - Mahendarnagar	-38	-29	0	-39	0	-1	0	-1	0.83

VII. 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	0.10	7.60	60.00	82.62	8.60	1.62	0.00	0.00

Frequency (Hz)				Average Frequency	Frequency Variation	Std. Dev.	Frequency in 15 Min Block		Freq Dev Index (% of Time)
Maximum		Minimum					MAX	MIN	
Freq	Time	Freq	Time	Hz	Index	(Hz)	(Hz)		
50.17	14.01	49.77	6.12	49.98	0.036	50.10	49.87	17.38	

VIII(A). Voltage profile 400 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviation Index
		Voltage(KV)	Time	Voltage (KV)	Time	<380 kV	<390 kV	>420 kV	>430 kV	
Rihand	400	404	13:34	399	9:11	0.0	0.0	0.0	0.0	0.0
Gorakhpur	400	416	2:04	398	10:43	0.0	0.0	0.0	0.0	0.0
Bareilly(PG)400kV	400	419	2:01	403	6:51	0.0	0.0	0.0	0.0	0.0
Kanpur	400	422	2:01	405	6:55	0.0	0.0	2.0	0.0	2.0
Dadri	400	427	2:16	410	6:52	0.0	0.0	54.4	0.0	54.4
Ballabgarh	400	426	13:07	407	6:48	0.0	0.0	41.0	0.0	41.0
Bawana	400	429	2:17	410	6:49	0.0	0.0	56.5	0.0	56.5
Bassi	400	424	4:02	396	7:15	0.0	0.0	9.3	0.0	9.3
Hissar	400	421	13:12	400	6:52	0.0	0.0	0.3	0.0	0.3
Moga	400	421	13:15	402	7:12	0.0	0.0	0.1	0.0	0.1
Abdullapur	400	429	2:16	410	6:51	0.0	0.0	41.9	0.0	41.9
Nalagarh	400	430	2:16	410	6:57	0.0	0.0	57.0	0.0	57.0
Kishenpur	400	419	2:17	403	7:14	0.0	0.0	0.0	0.0	0.0
Wagoora	400	396	2:24	384	18:44	0.0	59.3	0.0	0.0	0.0
Amritsar	400	426	2:22	406	7:09	0.0	0.0	22.4	0.0	22.4
Kashipur	400	0	0:00	0	0:00	0.0	0.0	0.0	0.0	0.0
Hamirpur	400	421	2:31	400	7:15	0.0	0.0	0.9	0.0	0.9
Rishikesh	400	419	2:20	399	6:55	0.0	0.0	0.0	0.0	0.0

VIII(B). Voltage profile 765 kV

Station	Voltage Level (kV)	Maximum		Minimum		Voltage (in % of Time)				Voltage Deviation Index
		Voltage(KV)	Time	Voltage (KV)	Time	<728 kV	<742 kV	>800 kV	>820 kV	
Fatehpur	765	786	2:04	749	18:39	0.0	0.0	0.0	0.0	0.0
Balia	765	787	4:04	760	10:43	0.0	0.0	0.0	0.0	0.0
Moga	765	804	13:09	758	6:55	0.0	0.0	1.1	0.0	1.1
Agra	765	799	13:33	766	6:54	0.0	0.0	0.0	0.0	0.0
Bhiwani	765	809	13:03	770	6:45	0.0	0.0	19.2	0.0	19.2
Unnao	765	775	4:00	747	6:50	0.0	0.0	0.0	0.0	0.0
Lucknow	765	794	4:04	764	6:52	0.0	0.0	0.0	0.0	0.0
Meerut	765	815	13:12	771	6:49	0.0	0.0	22.4	0.0	22.4
Jhatikara	765	811	13:12	766	6:51	0.0	0.0	20.5	0.0	20.5
Bareilly 765 kV	765	798	2:04	768	6:55	0.0	0.0	0.0	0.0	0.0
Anta	765	798	13:11	767	7:12	0.0	0.0	0.0	0.0	0.0
Phagi	765	801	13:09	761	7:12	0.0	0.0	5.2	0.0	5.2

Note : '0' in Max / Min Col -> Telemetry Outage

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	492.87	827.99	482.93	527.87	168.46	410.45
Pong	426.72	384.05	406.67	388.64	405.26	352.07	54.54	271.73
Tehri	829.79	740.04	797.45	567.57	797.50	568.36	46.44	192.00
Koteshwar	612.50	598.50	610.51	4.82	609.19	4.18	192.00	202.37
Chamera-I	760.00	748.75	757.00	0.00	0.00	0.00	46.55	46.55
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	497.46	2.11	502.87	1.14	64.91	195.41

* 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	-1383	0	0	-1383	-102	0	-34.17	-1.49	-35.66
Delhi	-944	-121	0	-778	-107	0	-20.22	-2.64	-22.86
Haryana	-464	152	0	-602	89	0	-19.72	0.00	-19.72
HP	410	71	0	391	77	0	12.69	-1.63	11.06
J&K	796	49	0	796	244	0	18.75	2.40	21.15
CHD	-31	0	0	-31	0	0	-0.37	-0.20	-0.57
Rajasthan	-96	194	0	-96	2	0	-0.74	9.69	8.95
UP	19	-71	0	19	-66	0	0.05	-1.62	-1.57
Uttarakhand	410	-36	0	410	104	0	9.95	-0.49	9.46
Total	-1282	238	0	-1274	241	0	-33.77	4.02	-29.75

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

State	Bilateral (MW)		IEX (MW)		PXIL (MW)	
	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum
Punjab	-1372	-1485	0	-768	0	0
Delhi	-622	-945	66	-336	0	0
Haryana	-464	-1298	152	-945	0	0
HP	805	260	106	-700	0	0
J&K	796	767	439	-487	0	0
CHD	0	-31	0	-72	0	0
Rajasthan	61	-96	1839	-105	0	0
UP	24	-85	-66	-71	0	0
Uttarakhand	467	410	123	-322	0	0

XI. System Reliability Indices(Violation of TTC and ATC):

(i)%age of times N-1 Criteria was violated in the inter - regional corridors

WR	0.00%
ER	0.00%
Simultaneous	0.00%

(ii)%age of times ATC violated on the inter-regional corridors

WR	0.00%
ER	0.00%
Simultaneous	0.00%

(iii)%age of times Angular Difference on Important Buses was beyond permissible limits(40 deg.)

Rihand - Dadri	0.00%
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XII. Zero Crossing Violations

State	No. of violations(Maximum 8 in a day)	Maximum number of continuous blocks without sign change
Punjab	1	22
Haryana	0	10
Rajasthan	1	23
Delhi	4	42
UP	0	12
Uttarakhand	5	54
HP	4	29
J & K	5	29
Chandigarh	5	37

XIII. System Constraints:

XIV. Grid Disturbance / Any Other Significant Event:

XV. Weather Conditions For 26.01.2018 :

XVI. Synchronisation of new generating units :

XVII. Synchronisation of new 220 / 400 / 765 KV lines and energising of bus / /substation :

400 kV Ajmer-Bhilwara 2 first time synchronised at 13:45 Hrs on 26-01-2018

XVIII. Tripping of lines in pooling stations :

XIX. Complete generation loss in a generating station :

Note: Data(regarding drawal,generation, shortage , inter-regional flows and reservoir levels)of the constituents filled in the report are as per last furnished data by the respective state/constituent to NRLDC.

Report for : 26.01.2018

पारी प्रमारी अभियंता / SHIFT CHARGE ENGINEER

Shortages * (MU)
0.00
0.00
0.16
0.01
0.00
0.00
0.03
11.16
0.00
11.36

