



UTTARAKHAND JAL VIDYUT NIGAM LTD.
उत्तराखण्ड जल विद्युत निगम लिमिटेड,

(A UTTARAKHAND GOVT. ENTERPRISES)

कारपोरेट एवम पंजीकृत कार्यालय
Corporate & Regd. Office
"उज्ज्वल" महारानी बाग, जी०एम०एस० रोड, देहरादून-248006
"Ujjwal", Maharani Bagh, GMS Road, Dehradun-248006
दूरभाष- 0135-2763508 फैक्स सं० 0135-2763507
Phone-0135-2763508, FAX- 0135-2763507

उप महाप्रबन्धक (तकनीकी)
कार्यालय निदेशक (आपरेशन)
"उज्ज्वल" महारानी बाग, जी०एम०एस० रोड, देहरादून-248006
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दिनांक: 02.02.2011

पत्रांक: 130/उजविनिलि/नि(ओ०)/एम-4

विषय: उत्तराखण्ड जल विद्युत निगम लिमिटेड, के अन्तर्गत विभिन्न विद्युत गृहों का माह 01/11 का विद्युत उत्पादन एवं आकजलरी खपत।

मुख्य अभियन्ता,
ओ० पी० एम० डिवीजन
केन्द्रीय विद्युत प्राधिकरण
कमरा न० 618(एन०)
सेवा भवन, आर० के० पुरम
नई दिल्ली-110068

(फैक्स संख्या 011 26107416)

उत्तराखण्ड जल विद्युत निगम लिमिटेड, देहरादून के अन्तर्गत विभिन्न विद्युत गृहों का माह 01/11 का विद्युत उत्पादन एवं आकजलरी खपत निम्नानुसार प्रेषित की जा रही है :-

विद्युत गृहों का नाम	माह 01/11 का विद्युत उत्पादन			
	वास्तविक विद्युत उत्पादन (मि०यू०)	आकजलरी खपत (मि०यू०)	आकजलरी खपत (प्रतिशत)	नेट उत्पादन (मि०यू०)
छिबरो	38.4294	0.1021	0.2656	38.3273
खोदरी	18.5738	0.0816	0.4391	18.4923
बकरानी	7.9824	0.0621	0.7777	7.9203
डालीपुर	11.9310	0.0511	0.4285	11.8799
कुल्हाल	9.5968	0.0515	0.5361	9.5453
तिलोथ (मनेरी भाली स्टैज-1)	30.8680	0.2410	0.7807	30.6270
धारासू (मनेरी भाली स्टैज-2)	50.2600	0.2150	0.4278	50.0450
धीला	28.3700	0.0850	0.2996	28.2850
पथारी	6.0850	0.0970	1.5941	5.9880
मौहम्मदपुर	1.9250	0.0390	2.0260	1.8860
रामगंगा	89.8920	0.1170	0.1302	89.7750
खाटीमा	10.9320	0.0550	0.5031	10.8770
ग्लोगी	0.1194	0.0087	7.2883	0.1107
योग	304.9647	1.2060	0.3954	303.7588

पत्रांक नि(ओ०)/एम-4 तददिनांक

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित-
1. उप महाप्रबन्धक (वाणिज्य) उत्तराखण्ड जल विद्युत निगम लिमिटेड, उज्ज्वल, महारानी बाग, जनरल महादेव सिंह मार्ग, देहरादून।

2. अधिवासी अभियन्ता, सिस्टम कंट्रोल, ऋषिकेश।

(फैक्स संख्या 2451180)

अधिवासी अभियन्ता, उत्तर क्षेत्रीय विद्युत समिति दिल्ली।

(फैक्स संख्या 011-26885206) Details of Month 01/2011

उप महाप्रबन्धक (तकनीकी)

उप महाप्रबन्धक (तकनीकी)

Demand Met
Local Shedding
Un-restricted demand

MW
1361
150
1511

MU
28.4000
1.982
30.382

POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD.
STATE LOAD DESPATCH CENTRE
RISHIKESH , UTTARAKHAND
POWER SUPPLY POSITION REPORT

Sheet No....III

Year 2011 Month JANUARY

Name of the State : Uttarakhand


E N E R G Y (MU)

Availability 'MU'	Frequency Correction 'MU'	Energy equivalent of Demand not met 'MU'	Requirement 'MU' E= E1+E2+E3	Energy shortage for the month 'MU'
E 1 (1)	E 2 (2)	E 3 (3)	E (4)	E - E1 (5)
Gen. HP Share(-) 304.845 22.064 282.781	N/A	42.683	905.003	42.683
Drawl from CSGS 579.539 862.320		NOTE: 862.320 MU includes :		in MU
		1. Power from BRPL		74.40
		2. Power from BYPL		37.2
		3. Power from PSPCL,SCL		74.40
		4. Power from Mittal,UPPCL		37.20
		5. Power from IEX		0.874
		6. Power to PXIL		-9.135
				214.94

Where E1= Own Generation (net) during the month+drawal from center sector generating stations during the month (net)+net import(-)net export + drawal from common/shared projects (net) for the month.

E2 = $T \times B \times (50 - F_{av}) / 1000$, where T is no. of hours during the month, B is frequency response characteristic (MW/Hz), F_{av} is average frequency for the month in Hz.

E3 = Energy equivalent of demand not met, as worked out in Sheet No. II


 DGM/EE (SLDC)
 PTCUL,UTTARAKHAND.

**POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD.
STATE LOAD DESPATCH CENTRE
RISHIKESH (UTTRAKHAND)**

UN-NOTIFIED POWER CUTS REPORT

Sheet No. 1

Month of: - January - 2011

Name of the State : Uttarakhand

A. Power cuts on Industries:

State/ Constituents	Industry (HT/LT)	Per day (Hrs.)	Energy cut (LU)	Demand cut (MW)	Restriction From - To (Hrs.)	Remarks
Uttaranchal	H.T./L.T. (a) Furnaces	21.11	61.32	70 MW	17:30 – 20:30	Energy cuts in LU doesn't match i.e. (hours*demand cut) because some days due to restriction some part of the area under roastering is exempted, there by decreasing the demand cut. Also roastering is not done entire month.
	(b) Non continuous	21.07	62.30	70 MW	17:30 – 20:30	
	(c) Continuous	24.00	0.0	NIL		

B. Power cuts on Commercial/Towns :

State/ Constituents	Industry (HT/LT)	Per day (Hrs.)	Energy cut (LU)	Demand cut (MW)	Restriction From - To (Hrs.)	Remarks
Uttaranchal	H.T./L.T. Dehradun	Supply 24.00	0.0	NIL		Energy cuts in LU doesn't match i.e. (hours*demand cut) because some days due to restriction some part of the area under roastering is exempted, there by decreasing the demand cut. Also roastering is not done entire month.
	Small Town	21.26	52.59	60 MW		
	Kashipur	22.53	41.68	100 MW		
	Rudrapur					
	Haldwani					
	Roorkee					
	Hills	24.00	0.0	NIL		
	Kotdwar Town	23:18	2.21	15 MW		
	Mussoorie &Nanital	24:00	0.0	NIL		
	Haridwar Town	24:00	0.0	NIL		
Rishikesh Town	22.53	0.54	10 MW			

C. Power Supply to Agriculture :

State/ Constituents Energy cut (LU)	Supply to Rural Areas		Supply Hrs per day			Remarks
	Single Phase (Hrs.)	Three Phase (Hrs.)	Maximum (Hrs.)	Minimum (Hrs.)	Average (Hrs.)	
206.19	24.00	24.00	24.00	17.05	19.32	

Executive Engineer(Control)
SLDC,Rishikesh,PTCUL

**POWER TRANSMISSION CORPORATION OF UTTARANCHAL LTD.
STATE LOAD DESPATCH CENTRE
RISHIKESH , UTTARANCHAL
POWER SUPPLY POSITION REPORT**

Sheet No...II

Year 2011

Month JANUARY

Name of the State -- Uttaranchal

Day of the month	Demand Met (MW) (Maximum of P1 in sheet no.1) (1)	Unrestricted demand (MW) (Maximum of P in sheet no. 1) (2)	Energy equivalent of Demand not met (as per sheet no.1 in 'MU') (3)
1	1251	1379	1.069
2	1313	1353	0.658
3	1435	1435	1.438
4	1368	1451	1.482
5	1375	1488	1.795
6	1356	1425	1.935
7	1373	1431	1.823
8	1421	1421	1.857
9	1291	1386	0.896
10	1383	1438	1.826
11	1395	1527	1.926
12	1348	1461	1.959
13	1469	1469	1.828
14	1325	1475	1.682
15	1356	1436	0.845
16	1321	1434	0.865
17	1520	1520	1.558
18	1380	1489	1.399
19	1387	1387	1.948
20	1361	1511	1.982
21	1306	1427	1.293
22	1381	1520	1.649
23	1320	1397	1.122
24	1400	1457	1.210
25	1371	1387	1.279
26	1310	1346	0.578
27	1421	1473	1.232
28	1420	1457	0.984
29	1398	1548	1.040
30	1386	1431	0.747
31	1410	1503	0.778

Demand met for the month (P1) =Average of column..1 excluding holidays demand crash day etc.

P1 =

1372.612903 MW

Unrestricted demand for the month (P) =Maximum of column...(2) P =


1548 MW

Peak Shortage for the month =P-P1 =

175.3870968 MW

Energy Equivalent of Demand Not Met for the month (MU) =Sum of Column (3) =

42.683 MU


DGM/EE (SLDC)
PTCUL,UTTARAKHAND.

POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD.

STATE LOAD DESPATCH CENTRE, VEERBHADRA, RISHIKESH

POWER SURRENDERED FOR THE MONTH OF- JANUARY 2011

DATE	CENTRAL SECTOR'S POWER HOUSES													Kahaiga on-II	Power Surrendered per Day	
	ANTA GAS	ANTA LIQ	ANTA RLF	AURIYA GAS	AURIYA LIQ	AURIYA RLF	DADRI GAS	DADRI LIQ	DADRI RLF	UNCH I	UNCH II	UNCH III	SINGRAUL			RIHAND I
1-Jan	0.0055	0.0000	0.2378	0.0000	0.0378	0.1941	0.0000	0.1026	0.2114	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.7892
2-Jan	0.0000	0.0000	0.2049	0.0000	0.0453	0.1847	0.0000	0.0934	0.2360	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.7643
3-Jan	0.0000	0.0000	0.2058	0.0000	0.0346	0.2384	0.0000	0.0821	0.2584	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8173
4-Jan	0.0000	0.0000	0.1973	0.0000	0.1063	0.2117	0.0000	0.1176	0.2315	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8644
5-Jan	0.0000	0.1226	0.0756	0.0000	0.1324	0.1983	0.0000	0.2199	0.1512	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8244
6-Jan	0.0000	0.1383	0.0533	0.0000	0.1869	0.1417	0.0000	0.1130	0.0389	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8833
7-Jan	0.0000	0.0697	0.0183	0.0000	0.1227	0.0246	0.0000	0.1661	0.1050	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4042
8-Jan	0.0000	0.0774	0.0604	0.0000	0.1216	0.0957	0.0000	0.0403	0.2230	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.6262
9-Jan	0.0000	0.0858	0.0844	0.0000	0.0678	0.1629	0.0000	0.0217	0.2274	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.6642
10-Jan	0.0000	0.0341	0.1016	0.0000	0.0273	0.1899	0.0000	0.0000	0.2127	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.5020
11-Jan	0.0000	0.0000	0.1220	0.0000	0.0000	0.1792	0.0000	0.0000	0.2172	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.5139
12-Jan	0.0000	0.0000	0.2171	0.0000	0.0000	0.3055	0.0000	0.0000	0.3472	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.8698
13-Jan	0.0000	0.0000	0.0677	0.0000	0.0396	0.1105	0.0000	0.0473	0.1305	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3956
14-Jan	0.0000	0.0334	0.0509	0.0000	0.0633	0.0989	0.0000	0.1026	0.1057	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4548
15-Jan	0.0308	0.0248	0.0443	0.0000	0.0534	0.0956	0.0015	0.0682	0.1115	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4301
16-Jan	0.0000	0.0000	0.1485	0.0029	0.0742	0.2095	0.0000	0.0017	0.3287	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.7655
17-Jan	0.0000	0.0096	0.0448	0.0000	0.0266	0.0545	0.0000	0.0226	0.1173	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.2754
18-Jan	0.0000	0.0321	0.0471	0.0000	0.0056	0.0877	0.0000	0.0770	0.1064	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3559
19-Jan	0.2127	0.0714	0.0532	0.3204	0.0219	0.2100	0.3419	0.1353	0.1257	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	1.4925
20-Jan	0.0000	0.1050	0.0226	0.0000	0.0582	0.0524	0.0000	0.1839	0.0396	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4617
21-Jan	0.0610	0.0701	0.0449	0.0837	0.0284	0.0603	0.0814	0.1839	0.0368	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.6505
22-Jan	0.0000	0.0833	0.0473	0.0000	0.0402	0.0659	0.0000	0.1712	0.0559	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4638
23-Jan	0.0000	0.0657	0.0475	0.0000	0.0380	0.0818	0.0000	0.1734	0.0667	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4731
24-Jan	0.0680	0.0833	0.0379	0.0825	0.0382	0.0682	0.1101	0.1339	0.0559	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.6780
25-Jan	0.0000	0.0419	0.0240	0.0000	0.0367	0.0635	0.0000	0.1293	0.0741	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3895
26-Jan	0.0000	0.0699	0.0174	0.0000	0.0376	0.0560	0.0000	0.1092	0.0630	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3531
27-Jan	0.0000	0.0552	0.0195	0.0000	0.0478	0.0567	0.0000	0.1248	0.0779	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3819
28-Jan	0.0493	0.0144	0.0233	0.0848	0.0372	0.0504	0.1053	0.0584	0.0460	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4691
29-Jan	0.0493	0.0000	0.0233	0.0845	0.0000	0.0663	0.0999	0.0000	0.0662	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.3895
30-Jan	0.0930	0.0000	0.0116	0.0000	0.0000	0.0660	0.0000	0.0000	0.0682	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.2288
31-Jan	0.0000	0.0583	0.0282	0.0000	0.0432	0.0660	0.0000	0.1471	0.0692	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.4120
TOTAL	0.560	1.346	2.383	0.659	1.593	3.745	0.740	2.913	4.206	0.000	0.000	0.000	0.000	0.000	0.000	18.1440


DGM/EE (SLDC)
PTCUL, UTTARAKHAND.

DAILY GENERATION OF HYDRO GENERATING STATIONS peak MW

Month: JANUARY- 2011

Date	Generation in MW														Total	
	Chhibro	Khodri	Dhakrani	Dhalipur	Kulhal	Maneri Bhail	Chilla	Pathri	Mohd.-pur	Ram-Ganga	Khatima	Dharasu	Including Ramganga	Excludin gRamga		
	1	2	3	4	5	6	7	8	9	10	11	12	13a	13b		
1-Jan-10	80	38	16	24	12	60	50	8	1	112	16	110	527.000	415		
2-Jan-10	80	38	16	15	13	60	40	9	2	125	16	110	524.000	399		
3-Jan-10	80	38	16	16	16	60	40	9	2	125	16	110	528.000	403		
4-Jan-10	80	38	16	19	16	60	36	8	2	125	16	110	526.000	401		
5-Jan-10	80	38	16	24	16	60	38	9	2	100	17	110	510.000	410		
6-Jan-10	80	38	10	12	10	60	36	8	2	100	17	110	483.000	383		
7-Jan-10	80	38	16	24	18	60	34	9	2	100	17	110	508.000	408		
8-Jan-10	80	38	16	25	18	60	36	8	2	113	16	110	522.000	409		
9-Jan-10	80	38	16	24	18	60	36	8	2	113	15	110	520.000	407		
10-Jan-10	100	47	16	24	18	60	34	8	2	113	17	110	549.000	436		
11-Jan-10	80	38	16	24	18	60	34	8	2	113	16	110	519.000	406		
12-Jan-10	80	38	15	24	18	60	36	7	2	113	16	110	519.000	406		
13-Jan-10	80	38	9	15	20	60	30	7	2	113	14	110	498.000	386		
14-Jan-10	80	38	16	25	20	60	33	7	2	128	14	110	533.000	405		
15-Jan-10	85	36	17	26	20	60	33	8	2	128	8	110	533.000	405		
16-Jan-10	80	38	16	24	10	60	36	8	2	128	16	110	528.000	400		
17-Jan-10	50	23	15	24	20	60	36	8	3	128	17	110	494.000	366		
18-Jan-10	80	38	16	24	18	60	34	8	4	128	18	110	538.000	410		
19-Jan-10	80	38	16	22	18	60	35	8	4	128	17	110	536.000	408		
20-Jan-10	80	38	16	23	18	60	34	7	4	128	17	110	535.000	407		
21-Jan-10	80	38	16	24	18	60	33	9	4	128	15	110	535.000	407		
22-Jan-10	50	23	16	24	18	60	33	7	4	128	15	110	488.000	360		
23-Jan-10	80	38	16	23	18	60	33	7	4	126	15	110	530.000	404		
24-Jan-10	80	38	16	24	18	60	32	7	4	125	15	110	529.000	404		
25-Jan-10	80	38	16	24	20	60	32	8	4	126	14	110	532.000	406		
26-Jan-10	40	19	16	23	20	60	30	8	4	125	13	110	468.000	343		
27-Jan-10	80	38	16	24	18	60	30	8	0	126	14	76	490.000	364		
28-Jan-10	80	38	11	16	18	60	30	9	4	125	14	110	515.000	390		
29-Jan-10	80	38	11	17	18	60	77	13	4	126	11	110	565.000	439		
30-Jan-10	80	38	11	17	18	60	78	14	4	127	13	110	570.000	443		
31-Jan-10	80	38	11	17	10	60	82	14	4	126	13	110	565.000	439		
TOTAL	78	37	15	22	17	60	39	9	3	121	15	109	523	402		