

Sub : Monthly Report for DEC 2014

Power Station/ Unit	Monthly Gen	Max Gen	Power Station/ Unit	Monthly Gen	Max Gen
Koradi			Stage 3	28.95	240
Unit 5	0.00	0	Total	163.76	
Unit 6	101.76	185	Hydro		
Unit 7	123.08	194	KDPH	14.17	40
Total	224.84		VTRNA	15.83	61
Bhusawal			TILLARI	10.57	65
Unit 2	0.00	0	BHTGR/VEER	1.01	6
Unit 3	65.06	185	BHIRA T.R.	6.13	81
Unit 4	291.84	525	RNGR+BHTSA	9.74	17
Unit 5	278.92	520	BHANDARDRA	5.54	33
Total	635.82		ELDARY	6.75	15
Parli			SMLHY PTN	30.73	92
Unit 3	0.00	0	GHATGHAR	32.72	250
Unit 4	0.00	0	Total	133.18	
Unit 5	110.30	166	Wind		
Unit 6	161.60	252	MalharPeth	5.24	
Unit 7	139.00	250	Vankuswadi	11.32	
Total	410.90		ATIT	1.15	
Chandrapur			Kale	4.13	
Unit 1	0.00	0	Satara	104.52	
Unit 2	100.77	155	Shirala	6.42	
Unit 3	6.66	181	K Mahankal	7.45	
Unit 4	130.58	200	Supa	2.61	
Unit 5	280.89	470	Vita	24.14	
Unit 6	269.33	415	Dondaicha	27.18	
Unit 7	237.55	457	Sakri	2.93	
Total	1025.78		Nandurbar	9.39	
Paras			Khandke	8.58	
Unit 3	151.03	261	Khaparale	5.65	
Unit 4	137.96	244	Total	220.71	
Total	288.98		CPP		
Khaparkheda			JSW JAIGAD	648.99	1280
Unit 1	119.94	200	WARDHA	81.75	130
Unit 2	117.33	190	Adani	1511.99	2630
Unit 3	138.66	218	Other CPPs	709.84	
Unit 4	139.80	214	Total	2952.57	
Unit 5	277.28	500	SOLAR		
Total	793.01		Total	29.69	
Nasik			Total	29.69	
Unit 3	137.13	210	Tata		
Unit 4	96.19	198	Trombay 4	0.00	0
Unit 5	133.63	195	Trombay 5	296.28	497
Total	366.95		Trombay 6	0.00	0
Uran			Trombay 7A	24.33	116
All Units	267.71	650	Trombay 7B	15.56	68
Total	267.71		Trombay 8	160.47	254
PENCH (MS)			TATA Hydro	111.59	459
Pench (MS)	3.68	54	Total	608.24	
Total	3.68		REL		
Koyna			1&2	278.02	528
Stage 1-2	83.24	515	Total	278.02	
Stage 4	51.57	1120	Central Sector receipt Including Bilateral		
				3160.27	

Particulars	Gen/ Req. (Mus)
Total Thermal Generation	4520.950
Total Hydro Generation	412.205
Total Gas Generation	267.712
Total Wind Generation	220.706
Total State Generation	8403.829
InterState Exchanges	
GEB	41.815
MPEB	346.399
TAPS (MS)	120.308
GOA	-187.303
PENCH (Excess)	-3.675
Net InterState Exchanges	3160.270
Restricted Energy Requirement(Gross)	11563.360
Restricted Energy Requirement (Ex-Bus)	11172.917
Bilateral Power Purchases	
IMPORT	357.011
EXPORT	1.621
PX	-65.334
INTRA	456.085
Total Bilateral Purchase by MSEDCL	749.385
Total Auxiliary Consumption	390.443
MSPGCL Total	331.082
Thermal	324.500
Hydro	1.228
Gas	5.354
TPCL Total	33.666
Thermal	29.041
Hydro	3.141
Gas	1.484
REL	25.695

MAXIMUM UNRESTRICTED & CATERED DEMAND DURING THE MONTH

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency (Hz)
Unrestricted Demand(Gross)	19370	11	10/12/2014	49.84
Unrestricted Demand(Ex-Bus)	18790	11	10/12/2014	49.84
Catered Demand(Gross)	19204	11	10/12/2014	49.84
Catered Demand(Ex-Bus)	18624	11	10/12/2014	49.84

Breakup of Unrestricted Demand in (MW)

Unrestricted Demand	Catered Demand	Load Shedding	Frequency Corr.	Stag. Effect
19370	19204	58	107.54	0

Thermal+Gas & Hydro+Wind Generation During the Peak (MW)

Thermal+Gas+CPP Generation During the Peak 10201

Hydro+Wind+Solar Generation During the Peak 2507

StateWise Demand & Koyna Lake Level During the month

Particulars	Demand (MW)	Time (Hrs)	Date	Frequency (Hz)
Maximum Demand	19262	11 Hrs	10/12/2014	49.84
Minimum Demand	11961	3 Hrs	20/12/2014	50.01
Koyna Lake Level in Ft.	1/JAN/2015	2146.2	1/JAN/2014	2146.9

Chief Engineer(LD), Kalwa