

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Nov/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.973	2797.431	1) Gujrat	2.453	50.728
2) Hydro	6.070	201.604	2) Madhya Pradesh	9.564	208.912
3) Gas	10.422	196.990	3) Chattisgarh	5.880	127.710
Total MSPGCL	137.465	3196.025	4) Maharashtra Net	79.438	2059.970
B) 1) APML	51.530	1213.510	5) Goa (Amona)	-0.690	-132.542
2) JSWEL	20.509	470.576	6) TAPS 1&2 Injection	3.511	81.098
3) VIPL	10.414	229.560	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	19.056	531.375	8) Pench (MS)	0.436	13.224
5) WPCL	2.472	112.468	9) Pench (Excess)	-0.436	-13.224
6) Other IPP	9.041	152.977	Total	99.720	2382.652
C) 1) TPCL Thermal	15.354	354.380	a) Mumbai Schedule	17.591	452.943
2) TPCL Hydro	4.143	49.072	b) Mumbai Drawl	27.076	600.290
3) TPCL Gas	3.532	80.283	c) MSEDCL Bilateral *	22.696	542.455
4) R-INFRA Thermal	9.869	243.715	Include PX	-1.056	0.414
D) STATE			d) Mumbai Bilateral *	17.591	452.943
1) Thermal	259.218	6105.992	Include PX	1.554	61.890
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.213	250.676	H) ENERGY CATERED (MUs)		
3) Gas	13.954	277.273	1) MSEDCL	327.848	7932.548
4) Wind	3.820	218.457	2) Mumbai Discoms	59.974	1327.730
6) SOLAR	0.897	25.238	TOTAL STATE	387.822	9260.278
TOTAL STATE	288.102	6877.636			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5279	5340	5060	4964
MSPGCL Hydro	497	422	254	128
MSPGCL Gas	425	418	435	460
MSPGCL Total Generation	6201	6180	5749	5552
Central Sector Receipt	4758	4884	4893	2743
WIND	313	221	101	131
CPP / IPP	5005	4912	5027	4179
SOLAR	158	141	0	0
Exchange with Mumbai	-1337	-1387	-1325	-742
MSEDCL DEMAND MET	15098	14951	14445	11863
Load Shedding	15	15	11	11
MSEDCL DEMAND	15113	14966	14456	11874
TPCL GENERATION	1248	1254	1248	645
R-INFRA GENERATION	403	403	401	401
MUMBAI DEMAND	2988	3044	2974	1788
STATE DEMAND MET	18086	17995	17419	13651
STATE DEMAND	18101	18010	17430	13662
Frequency (Hz)	49.98	49.96	49.99	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 07:01 Hrs	49.73 Hz at 16:11 Hrs	49.99	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 23/Nov/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	12.70	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.87	70.43	175	140
Total	3.87	83.13		
Bhusawal				
Unit 2	4.01	72.95	175	155
Unit 3	4.25	72.54	185	170
Unit 4	10.85	245.28	500	410
Unit 5	11.09	240.65	500	420
Total	30.20	631.41		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.04	71.57	135	121
Unit 3	4.21	86.08	199	164
Unit 4	4.33	99.84	195	172
Unit 5	8.72	204.13	410	280
Unit 6	9.19	216.37	430	370
Unit 7	10.11	224.27	436	408
Total	39.60	902.26		
Paras				
Unit 3	5.16	111.79	231	198
Unit 4	5.37	113.19	255	201
Total	10.52	224.98		
Khaparkheda				
Unit 1	3.92	85.94	180	150
Unit 2	2.28	83.32	170	0
Unit 3	3.75	74.16	176	120
Unit 4	4.03	82.02	173	156
Unit 5	9.54	226.59	485	325
Total	23.52	552.04		
Nasik				
Unit 3	4.50	82.86	190	180
Unit 4	4.36	91.98	187	176
Unit 5	4.40	101.68	198	161
Total	13.26	276.52		
Uran				
All Units	10.42	196.99	466	400
Total	10.42	196.99		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.44	13.22	37	0
Total	0.44	13.22		
Koyna				
Stage 1-2	1.54	65.87	250	40
Stage 4	0.13	29.36	130	0
Stage 3	0.15	20.47	80	0
Total	1.81	115.70		
Hydro				
KDPH	0.76	13.34	37	19
VTRNA	0.46	11.76	61	0
TILLARI	0.00	0.76	0	0
BHTGR/VEER	0.06	0.56	3	2
BHIRA T.R.	0.16	2.38	80	0
RNGR+BHTSA	0.22	5.40	13	0
BHANDARDRA	0.46	9.86	39	12
ELDARY	0.00	1.02	0	0
SMLHY_PTN	0.32	13.37	21	10
GHATGHAR	1.81	27.46	250	0
Total	4.26	85.91		
Wind				
Total	3.82	218.46	0	0
Total	3.82	218.46		
CPP				
APML(Mus)	51.53	1213.51	0	0
JSWEL(Mus)	20.51	470.58	0	0
VIPL(Mus)	10.41	229.56	0	0
RPLAMT(Mus)	19.06	531.38	0	0
WPCL(Mus)	2.47	112.47	0	0
Other(Mus)	9.04	152.98	0	0
Total	113.02	2710.47		
SOLAR				
Total	0.90	25.24	0	0
Total	0.90	25.24		
Tata				
Trombay 5	9.81	227.09	473	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.12	48.24	110	67
Trombay 7B	1.42	32.04	68	53
Trombay 8	5.54	127.29	251	200
TATA Hydro	4.14	49.07	392	44
Total	23.03	483.74		
R-INFRA				
1-2	9.87	243.72	516	401
Total	9.87	243.72		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	120.97	2797.43
MSPGCL Thml+Gas	131.40	2994.42

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	6.07	201.60
MSPGCL Total	137.46	3196.02

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	1.66	95.22
State Total	288.10	6877.64

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Nov/2015

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP	SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS													
1	5005	114	466	5585	185	4190	0	3497	3454	-987	12427	21	12448	2035	14483	50.04
2	4995	119	458	5572	178	4193	0	3335	3404	-833	12514	11	12525	1882	14407	49.99
3	4964	128	460	5552	131	4179	0	3026	2743	-742	11863	11	11874	1788	13662	50.00
4	4955	146	460	5561	136	4181	0	3049	2750	-685	11943	11	11954	1732	13686	50.01
5	4943	147	456	5546	126	4187	0	3090	2900	-664	12095	15	12110	1713	13823	50.00
6	4936	148	450	5534	144	4201	0	3274	3488	-758	12609	15	12624	1805	14429	49.97
7	4949	126	434	5509	179	4409	4	3921	3935	-828	13208	15	13223	1898	15121	49.95
8	4982	121	446	5549	168	4682	20	4403	4522	-984	13957	15	13972	2053	16025	50.01
9	5261	199	443	5903	185	4874	69	4541	4732	-1226	14537	15	14552	2352	16904	49.99
10	5278	431	438	6147	225	4984	111	4621	4328	-1214	14581	15	14596	2736	17332	49.97
11	5279	497	425	6201	313	5005	158	4754	4758	-1337	15098	15	15113	2988	18101	49.98
12	5326	556	420	6302	269	4999	154	4785	4671	-1376	15019	27	15046	3051	18097	49.97
13	5340	422	418	6180	221	4912	141	4760	4884	-1387	14951	15	14966	3044	18010	49.96
14	5314	389	412	6115	143	4938	121	4692	4871	-1304	14884	15	14899	2959	17858	50.02
15	5204	629	406	6239	157	5010	69	4703	4526	-1306	14695	11	14706	2985	17691	49.96
16	5215	373	409	5997	145	5124	36	4700	4814	-1262	14854	11	14865	3011	17876	49.96
17	5030	286	400	5716	185	4960	13	4620	4511	-1277	14108	11	14119	2978	17097	49.93
18	4996	373	414	5783	189	4859	1	3979	4435	-1265	14002	11	14013	2940	16953	49.95
19	5060	254	435	5749	101	5027	0	4669	4893	-1325	14445	11	14456	2974	17430	49.99
20	4946	164	430	5540	90	5025	0	4738	4623	-1336	13942	11	13953	2915	16868	50.02
21	4704	159	439	5302	115	4939	0	4584	4300	-1315	13341	11	13352	2704	16056	49.98
22	4743	121	429	5293	113	4729	0	4287	4331	-1302	13164	11	13175	2587	15762	50.01
23	4779	84	431	5294	67	4710	0	4070	3948	-1199	12820	11	12831	2471	15302	49.99
24	4769	84	443	5296	55	4703	0	3832	3899	-1164	12789	11	12800	2373	15173	49.99
MUs	120.97	6.07	10.42	137.46	3.82	113.02	0.90	99.93	99.72	-27.08	327.85	0.33	328.17	59.97	388.15	49.99

NOTE : ALL VALUES IN MW

Mumbai Net Exch is shown with reference to MSETCL system and (-) sign indicates MSETCL periphery to Mumbai system.

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Nov/2015

Position as on 6.30 Hrs of 24/Nov/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
CPP	WPCL U-1	135	23/10/2015	17.31		Continued.	ESP filter problem	
MSPGCL	Koradi Unit-8	660	09/11/2015	01.07		Continued.	Coal mill problem	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
IPP	RPL(AMT) U-4	270	18/11/2015	11.48		Continued.	PA Fan problem	
MSPGCL	Koradi Unit 5	200	19/11/2015	14.34		Continued.	Rotor Earth Fault.	
IPP	JSW (J) U2	300	20/11/2015	11.16		Continued.	No Schedule.	
IPP	Adani U-5	660	22/11/2015	08.55		Continued.	Leakage tube oil system	
CPP	WPCL U-4	135	23/11/2015	00.00		Continued.	ID Fan Problem	
IPP	RPL(AMT) U-5	270	23/11/2015	12.41		Continued.	Turbine Vibration high	
MSPGCL	Khaparkheda Unit 2	210	23/11/2015	14.24		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 24/Nov/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV LINE Outages/Trippings							
Dabhol Nagothane II	InterState	18/11/2015	11.33		Continued.	T	Distance Protection(RFC 19.25Hrs)
Dhule Sar'Sarovar I	InterState	22/11/2015	17.07	23/11/2015	07.54	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	22/11/2015	17.18	23/11/2015	06.40	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	23/11/2015	19.28		Continued.	HT	Over Voltage
Kolhapur Solapur (PG) II	InterState	23/11/2015	21.20		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	06/10/2015	09.44		Continued.	HT	For Controlling Line Loading.
Babhaleshwar-Taptitanda ckt-I	IntraState	20/11/2015	12.01		Continued.	PO	Testing Work,RFC @ 17.40 Hrs.
Karad - Jaigad - II	IntraState	21/11/2015	16.09		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	21/11/2015	17.13	23/11/2015	08.42	HT	Over Voltage
karad -kolhapur-I	IntraState	22/11/2015	16.07	23/11/2015	10.18	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/11/2015	00.38	23/11/2015	09.26	HT	Over Voltage
Akola II - Akola I Ckt-II	IntraState	23/11/2015	11.44		Continued.	PO	Relay testing work
karad -kolhapur-II	IntraState	23/11/2015	16.06		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/11/2015	17.18		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/11/2015	21.08		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-III @Talegaon(PG)	InterState	22/11/2015	17.10		Continued.	PO	Annual Maintenance Work
220 KV LINE Outages/Trippings							
Boisar Tarapur	InterState	20/11/2015	06.05		Continued.	PO	String Work of M/C 0.4KM Between Boiser Gantry & Loc Noc1/A1(20 Days).
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Wadkhal - Ipcl 1	IntraState	06/11/2015	11.50		Continued.	PO	Replacement of Conductors (for 15 Days).
Kalwa-Salsette-IV	IntraState	14/11/2015	08.20		Continued.	PO	Conductor uprating work (35 days outage)
Boisar(M) - Ghodbunder	IntraState	20/11/2015	06.18		Continued.	PO	String Work ofM/C 0.4KM Between Boiser Gantry & Loc No.1/A1(20 Days).
Colourchem - Temghar	IntraState	22/11/2015	19.53	23/11/2015	20.16	T	Distance Protection
Lonikand (400 Kv)-Theur li	IntraState	22/11/2015	21.16		Continued.	T	Distance Protection
Lonikand (400 Kv)-Theur I	IntraState	23/11/2015	08.15	23/11/2015	13.49	PO	Earth wire erection on their-2 line
Hinjawadi I- Chinchwad	IntraState	23/11/2015	09.39	23/11/2015	14.43	HT	controlling line loading
Apta - Hoc	IntraState	23/11/2015	11.42	23/11/2015	13.36	PO	R M Work
Taloja II - OCIL-I	IntraState	23/11/2015	11.55	23/11/2015	18.15	PO	Testing Work
ACCIL - Apta	IntraState	23/11/2015	15.53	23/11/2015	17.40	PO	Attending Hot Spot
Nagothane - Posco	IntraState	23/11/2015	17.06	23/11/2015	18.28	T	Tripped at posco end only
Jejuri-Parvati	IntraState	23/11/2015	19.38		Continued.	T	Distance Protection
Padgha - Temghar I	IntraState	23/11/2015	19.53	23/11/2015	19.54	T	A/R succsfully from padgha end
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22 Kv 50 Mva Ptr 2 @Lonikand	IntraState	22/11/2015	21.16	23/11/2015	03.30	HT	HV supply goes off

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Nov/2015

Statement-VII

Position as on 6.30 Hrs of 24/Nov/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132Kv 200MVA ICT-II @ Mudshingi	IntraState	23/11/2015	10.40	23/11/2015	15.55	PO	Testing Work