

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	94.372	2366.014	1) Gujrat	4.844	74.279
2) Hydro	14.865	195.655	2) Madhya Pradesh	12.406	189.869
3) Gas	10.329	169.517	3) Chattisgarh	2.450	91.310
Total MSPGCL	119.566	2731.186	4) Maharashtra Net	91.210	2075.851
B) 1) APML	53.120	1082.220	5) Goa	-7.880	-161.708
2) JSWEL	28.612	634.481	6) TAPS 1&2 Injection	3.567	86.073
3) VIPL	12.189	247.636	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	22.610	438.704	8) Pench (MS)	0.633	15.095
5) WPCL	4.188	90.879	9) Pench (Excess)	-0.633	-15.095
6) Other IPP	1.661	48.660	Total	105.964	2340.579
C) 1) TPCL Thermal	17.558	370.506	a) Mumbai Schedule	23.159	494.701
2) TPCL Hydro	1.969	39.428	b) Mumbai Drawl	26.197	596.792
3) TPCL Gas	4.308	82.887	c) MSEDCL Bilateral *	18.698	527.026
4) R-INFRA Thermal	11.596	264.177	Include PX	-5.278	-99.189
D) STATE			d) Mumbai Bilateral *	23.159	493.666
1) Thermal	245.906	5543.277	Include PX	2.687	26.100
(A1+C1+C4+(B1-B6))			Include Standby	0.000	1.035
2) Hydro	16.834	235.083	H) ENERGY CATERED (MUs)		
3) Gas	14.637	252.404	1) MSEDCL	329.851	7354.504
4) Wind	6.957	314.637	2) Mumbai Discoms	61.629	1353.784
6) SOLAR	1.181	22.314	TOTAL STATE	391.480	8708.288
TOTAL STATE	285.515	6367.715			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 12 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3962	4057	3818	3782
MSPGCL Hydro	1159	808	1471	145
MSPGCL Gas	432	430	428	437
MSPGCL Total Generation	5553	5295	5717	4364
Central Sector Receipt	4869	4674	4464	3473
WIND	84	233	490	385
CPP / IPP	5263	5395	5372	4530
SOLAR	157	126	0	0
Exchange with Mumbai	-1480	-1419	-1203	-531
MSEDCL DEMAND MET	14446	14304	14840	12221
Load Shedding	18	19	19	17
MSEDCL DEMAND	14464	14323	14859	12238
TPCL GENERATION	1108	1088	1200	913
R-INFRA GENERATION	515	516	516	398
MUMBAI DEMAND	3103	3023	2919	1842
STATE DEMAND MET	17549	17327	17759	14063
STATE DEMAND	17567	17346	17778	14080
Frequency (Hz)	49.99	49.96	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.22 Hz at 04:02 Hrs	49.65 Hz at 18:41 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/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.14	76.97	140	115
Unit 6	0.00	0.00	0	0
Unit 7	3.80	68.80	174	143
Total	6.94	145.78		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.00	93.08	175	155
Unit 4	11.16	238.86	490	410
Unit 5	0.54	147.12	210	0
Total	15.71	479.06		
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	3.23	71.60	148	122
Unit 3	4.47	87.88	200	171
Unit 4	0.00	0.00	0	0
Unit 5	7.50	200.96	360	271
Unit 6	6.41	194.61	405	76
Unit 7	8.16	188.09	400	280
Total	29.78	743.14		
Paras				
Unit 3	5.06	113.56	220	200
Unit 4	5.18	117.36	232	205
Total	10.24	230.92		
Khaparkheda				
Unit 1	3.16	59.51	175	100
Unit 2	3.28	78.68	165	115
Unit 3	3.46	82.17	154	135
Unit 4	3.27	81.47	143	126
Unit 5	9.34	190.00	430	323
Total	22.52	491.83		
Nasik				
Unit 3	0.00	89.88	0	0
Unit 4	4.61	86.82	201	186
Unit 5	4.56	98.60	196	182
Total	9.17	275.30		
Uran				
All Units	10.33	169.52	437	422
Total	10.33	169.52		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.63	15.10	51	0
Total	0.63	15.10		
Koyna				
Stage 1-2	4.54	70.08	490	40
Stage 4	6.78	48.28	778	0
Stage 3	2.46	29.98	320	0
Total	13.79	148.34		
Hydro				
KDPH	0.00	7.93	0	0
VTRNA	0.00	0.31	0	0
TILLARI	0.00	0.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	3.98	80	0
RNGR+BHTSA	0.00	1.41	0	0
BHANDARDRA	0.02	6.60	1	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.16	5.55	13	4
GHATGHAR	0.76	21.42	250	0
Total	1.08	47.31		
Wind				
Total	6.96	314.64	0	0
Total	6.96	314.64		
CPP				
APML(Mus)	53.12	1082.22	0	0
JSWEL(Mus)	28.61	634.48	0	0
VIPL(Mus)	12.19	247.64	0	0
RPLAMT(Mus)	22.61	438.70	0	0
WPCL(Mus)	4.19	90.88	0	0
Other(Mus)	1.66	48.66	0	0
Total	122.38	2542.58		
SOLAR				
Total	1.18	22.31	0	0
Total	1.18	22.31		
Tata				
Trombay 5	11.67	240.55	490	465
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	57.41	115	103
Trombay 7B	1.59	25.48	67	62
Trombay 8	5.89	129.96	250	241
TATA Hydro	1.97	39.43	283	0
Total	23.84	492.82		
R-INFRA				
1-2	11.60	264.18	518	397
Total	11.60	264.18		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	94.37	2366.01
MSPGCL Thml+Gas	104.70	2535.53

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	14.86	195.66
MSPGCL Total	119.57	2731.19

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	11.33	118.36
State Total	285.52	6367.72

Hourly Load Data As on 23/Sep/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	3862	51	433	4346	542	4687	0	4077	3944	-893	12626	28	12654	2197	14851	49.97
2	3859	46	437	4342	470	4561	0	3701	3872	-702	12543	17	12560	2012	14572	49.92
3	3816	115	436	4367	449	4575	0	3335	3850	-596	12645	17	12662	1903	14565	49.98
4	3782	145	437	4364	385	4530	0	3107	3473	-531	12221	17	12238	1842	14080	50.01
5	3804	385	436	4625	350	4504	0	3236	3377	-510	12346	17	12363	1830	14193	50.06
6	3900	107	434	4441	281	4693	0	3833	4011	-508	12918	18	12936	1906	14842	49.94
7	3949	930	433	5312	172	4828	1	4096	4896	-531	14678	18	14696	2033	16729	50.03
8	3983	1191	429	5603	101	4876	32	4376	4646	-709	14549	18	14567	2168	16735	50.04
9	3966	1184	427	5577	57	4924	75	4691	4777	-1027	14383	18	14401	2468	16869	50.01
10	3908	1302	426	5636	71	5152	127	4660	4971	-1352	14605	18	14623	2813	17436	50.00
11	3953	1050	424	5427	62	5175	154	4667	4995	-1461	14352	18	14370	3046	17416	50.07
12	3962	1159	432	5553	84	5263	157	4715	4869	-1480	14446	18	14464	3103	17567	49.99
13	4060	797	430	5287	109	5266	169	4696	4868	-1492	14207	18	14225	3089	17314	50.00
14	4039	749	430	5218	147	5296	138	4567	4314	-1415	13698	20	13718	2995	16713	50.00
15	4057	808	430	5295	233	5395	126	4409	4674	-1419	14304	19	14323	3023	17346	49.96
16	4092	983	434	5509	276	5360	105	4379	4400	-1451	14199	19	14218	3028	17246	49.99
17	4118	639	422	5179	357	5340	65	4196	4157	-1423	13675	19	13694	3015	16709	49.97
18	3851	261	426	4538	381	5435	27	4292	4375	-1409	13347	19	13366	2943	16309	49.96
19	3822	451	426	4699	415	5385	5	4616	4756	-1350	13910	19	13929	2902	16831	49.86
20	3818	1471	428	5717	490	5372	0	4602	4464	-1203	14840	19	14859	2919	17778	49.97
21	3872	757	428	5057	483	5482	0	4572	4668	-1256	14434	19	14453	2779	17232	50.03
22	3953	183	426	4562	396	5438	0	4446	4623	-1182	13837	19	13856	2632	16488	50.03
23	3987	52	430	4469	326	5412	0	4213	4497	-1164	13540	19	13559	2533	16092	50.01
24	3959	49	435	4443	320	5431	0	4172	4487	-1133	13548	19	13567	2449	16016	50.03
MUs	94.37	14.87	10.33	119.57	6.96	122.38	1.18	101.65	105.96	-26.20	329.85	0.45	330.30	61.63	391.93	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/Sep/2015

Position as on 6.30 Hrs of 24/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna STG-IV Unit-2	250	20/08/2015	09.00		Continued.	Realigning of T-G Rotor & Adjusting the Bearing Clearances.(40 Days)	
MSPGCL	Chandrapur Unit 4	210	29/08/2015	23.55		Continued.	Annual Overhaul	
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	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		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	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
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	25/08/2015	19.18		Continued.	Maintenance work	
IPP	Adani U-4	660	11/09/2015	20.49		Continued.	Abnormal sound in generater bearing	
MSPGCL	Koradi Unit-8	660	18/09/2015	18.08		Continued.	ESP Problem	
MSPGCL	Chandrapur Unit-8	500	19/09/2015	18.01		Continued.	ESP Problem	
MSPGCL	Bhusawal Unit 5	500	20/09/2015	02.12	23/09/2015	20.01	Boiler Tube Leakage	
MSPGCL	Nasik Unit 3	210	21/09/2015	15.00		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 6	500	23/09/2015	17.12		Continued.	Flame Failure	

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

Statement-VII

Position as on 6.30 Hrs of 24/Sep/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	22/09/2015	11.16		Continued.	PO	Maintenance & testing work at Dabhol end.
Kolhapur Mapusa I	InterState	22/09/2015	20.33	23/09/2015	06.48	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	23/09/2015	00.43	23/09/2015	06.50	HT	Over Voltage
Chandrapur Bhadravati IV	InterState	23/09/2015	09.21	23/09/2015	14.17	PO	Earthwire Stringing Work Outage by PGCIL.
Koradi Bhilai	InterState	23/09/2015	10.42	23/09/2015	18.46	PO	Stringing Work of Broken Earthwire.
Kolhapur Mapusa I	InterState	23/09/2015	18.13	24/09/2015	06.27	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	24/09/2015	02.41	24/09/2015	06.41	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	10/09/2015	16.40		Continued.	HT	For Controlling Padgha-BBLR D/C Loading.
New Koyna - Dabhol-I	IntraState	22/09/2015	03.22		Continued.	T	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/09/2015	13.59	23/09/2015	16.03	T	Distance Protection
karad -kolhapur-II	IntraState	22/09/2015	16.30	23/09/2015	08.55	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/09/2015	16.40	23/09/2015	07.28	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	22/09/2015	19.56	23/09/2015	06.34	HT	Over Voltage
karad -kolhapur-I	IntraState	23/09/2015	16.09	24/09/2015	06.45	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/09/2015	16.58		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	23/09/2015	19.23	24/09/2015	06.47	HT	Over Voltage
Jejuri- Koyanastage-IV	IntraState	23/09/2015	22.00	24/09/2015	06.02	EO	Attending R Ph Broken Jumper Conductor.
220 KV LINE Outages/Trippings							
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.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Tripped on B ph Diff Prot. cable damage near reliance sub station.
Padghe - Vasai	IntraState	15/08/2015	08:35		Continued.	PO	Removal of jumper & bunching work at Loc No. 51/1 & 35 (charged up to Loc No. 51/1 from Padghe end only)
Kalwa - Borivali	IntraState	16/08/2015	08.00		Continued.	PO	Erection of Loc.No.12 and shifting of conductor on NER M/C Tower
Kalwa - Mulund 1	IntraState	22/08/2015	07.35		Continued.	PO	Mumbai Strengthening work
Urse-Chinchwad	IntraState	23/09/2015	00.25	23/09/2015	03.40	EO	To attend Hot Spot
Kalwa-Salsette-IV	IntraState	23/09/2015	06.41	23/09/2015	07.14	PO	For Removal of Metal Wire @ Tata End B Ph.
Khaparkheda-Kalmeshwar	IntraState	23/09/2015	09.32	23/09/2015	18.17	PO	Providing Repair Sleeve.Signature Analysis of Line.
Koradi-Ambazari-II	IntraState	23/09/2015	10.30	23/09/2015	15.51	PO	Daigonistic Testing Work.
Halkarni - Tillari II	IntraState	23/09/2015	10.52	23/09/2015	11.14	T	Backup Protection
Bhugaon- Wardha	IntraState	23/09/2015	11.02	23/09/2015	17.53	PO	Measurment of CB Timing & CRM Measurment of Tan Delta of CT's & CC's R.M.Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panel
220/33 Kv 100 Mva Alstom Ptr 1	IntraState	15/09/2015	16.34		Continued.	T	On Snake Fault,33kv Breaker R,

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/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 24/Sep/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Valve							Y,B Ph Pole Burst.
220/110kV 100MVA ICT-II@ Wathar	IntraState	23/09/2015	10.10	23/09/2015	16.40	PO	R.M.Work & Testing Work.
132 KV LINE Outages/Trippings							
Amravati-Chandur-Bazar	IntraState	23/09/2015	16.36	23/09/2015	22.44	T	B Ph Conductor Snap @loc 27-28
Chandur Bazar-Achalpur	IntraState	23/09/2015	16.36	23/09/2015	17.25	T	Distance Protection Operated Z-II Backup Protection Operated O/C & E/F.
Amravati-Achalpur	IntraState	23/09/2015	16.38	23/09/2015	22.42	T	B Ph Conductor Snap @loc 27-28

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