

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Sep/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	95.257	191.069	1) Gujrat	2.167	4.628
2) Hydro	19.012	30.247	2) Madhya Pradesh	13.304	26.892
3) Gas	6.351	12.664	3) Chattisgarh	5.500	10.240
Total MSPGCL	120.620	233.980	4) Maharashtra Net	106.484	206.525
B) 1) APML	51.170	102.540	5) Goa	-6.395	-12.975
2) JSWEL	27.065	55.976	6) TAPS 1&2 Injection	2.433	4.875
3) VIPL	12.526	24.538	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	15.561	37.907	8) Pench (MS)	0.990	2.049
5) WPCL	3.935	7.923	9) Pench (Excess)	-0.990	-2.049
6) Other IPP	2.583	4.827	Total	122.503	238.136
C) 1) TPCL Thermal	17.215	33.771	a) Mumbai Schedule	26.275	51.078
2) TPCL Hydro	3.134	6.280	b) Mumbai Drawl	24.533	50.541
3) TPCL Gas	2.400	4.676	c) MSEDCL Bilateral *	35.087	69.188
4) R-INFRA Thermal	12.409	24.376	Include PX	3.344	8.179
D) STATE			d) Mumbai Bilateral *	26.275	51.078
1) Thermal	237.721	482.927	Include PX	2.856	4.554
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	22.146	36.527	H) ENERGY CATERED (MUs)		
3) Gas	8.751	17.340	1) MSEDCL	345.465	690.228
4) Wind	12.982	32.728	2) Mumbai Discoms	59.692	119.632
6) SOLAR	1.053	2.214	TOTAL STATE	405.157	809.860
TOTAL STATE	282.653	571.736			

* 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 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	3928	3903	4018	4058
MSPGCL Hydro	1624	1502	1010	95
MSPGCL Gas	262	266	262	268
MSPGCL Total Generation	5814	5671	5290	4421
Central Sector Receipt	6005	5562	4900	4345
WIND	268	592	665	625
CPP / IPP	4611	4524	4654	4820
SOLAR	132	99	0	0
Exchange with Mumbai	-1334	-1351	-1222	-581
MSEDCL DEMAND MET	15496	15097	14287	13630
Load Shedding	458	344	366	28
MSEDCL DEMAND	15954	15441	14653	13658
TPCL GENERATION	1147	1084	1082	617
R-INFRA GENERATION	513	518	517	518
MUMBAI DEMAND	2994	2953	2821	1716
STATE DEMAND MET	18490	18050	17108	15346
STATE DEMAND	18948	18394	17474	15374
Frequency (Hz)	49.86	49.91	49.89	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06:01 Hrs	49.66 Hz at 19:09 Hrs	49.89	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 02/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.63	7.28	160	136
Unit 6	0.00	0.00	0	0
Unit 7	3.90	7.60	170	134
Total	7.53	14.88		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.09	8.16	175	165
Unit 4	10.63	20.96	485	410
Unit 5	0.00	0.00	0	0
Total	14.72	29.12		
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	3.37	6.38	150	129
Unit 3	4.33	8.28	199	155
Unit 4	0.00	0.00	0	0
Unit 5	9.39	18.58	407	370
Unit 6	8.55	17.15	388	325
Unit 7	8.39	16.07	380	308
Total	34.02	66.46		
Paras				
Unit 3	4.66	9.28	208	178
Unit 4	5.23	9.98	233	201
Total	9.89	19.26		
Khaparkheda				
Unit 1	2.88	6.24	140	100
Unit 2	3.20	6.08	150	110
Unit 3	2.98	5.95	139	108
Unit 4	3.21	6.07	140	129
Unit 5	7.00	14.11	330	242
Total	19.28	38.44		
Nasik				
Unit 3	4.50	8.84	195	180
Unit 4	0.95	5.34	185	0
Unit 5	4.38	8.74	188	173
Total	9.82	22.91		
Uran				
All Units	6.35	12.66	270	258
Total	6.35	12.66		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.99	2.05	45	37
Total	0.99	2.05		
Koyna				
Stage 1-2	6.10	9.92	560	40
Stage 4	7.68	9.94	759	0
Stage 3	3.01	4.87	318	0
Total	16.79	24.73		
Hydro				
KDPH	0.44	0.87	19	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.22	0.42	80	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.50	0.99	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.32	0.69	20	11
GHATGHAR	0.75	2.54	250	0
Total	2.22	5.52		
Wind				
Total	12.98	32.73	0	0
Total	12.98	32.73		
CPP				
APML(Mus)	51.17	102.54	0	0
JSWEL(Mus)	27.06	55.98	0	0
VIPL(Mus)	12.53	24.54	0	0
RPLAMT(Mus)	15.56	37.91	0	0
WPCL(Mus)	3.94	7.92	0	0
Other(Mus)	2.58	4.83	0	0
Total	112.84	233.71		
SOLAR				
Total	1.05	2.21	0	0
Total	1.05	2.21		
Tata				
Trombay 5	11.35	22.17	493	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	4.68	115	64
Trombay 7B	0.00	0.00	0	0
Trombay 8	5.87	11.60	251	203
TATA Hydro	3.13	6.28	294	0
Total	22.75	44.73		
R-INFRA				
1-2	12.41	24.38	519	513
Total	12.41	24.38		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	95.26	191.07
MSPGCL Thml+Gas	101.61	203.73

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	19.01	30.25
MSPGCL Total	120.62	233.98

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	13.77	19.86
State Total	282.65	571.74

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/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	4088	258	266	4612	697	4983	0	4560	4312	-813	13791	36	13827	2122	15949	49.83
2	4075	95	267	4437	648	5019	0	4504	4274	-600	13778	28	13806	1918	15724	49.90
3	4097	95	267	4459	676	5044	0	4246	4197	-507	13869	28	13897	1816	15713	49.93
4	4089	90	267	4446	669	4959	0	4198	4314	-573	13815	28	13843	1741	15584	49.90
5	4058	95	268	4421	625	4820	0	4298	4345	-581	13630	28	13658	1716	15374	49.92
6	3941	275	268	4484	504	4811	0	4448	4939	-498	14240	43	14283	1831	16114	49.88
7	3907	540	268	4715	407	5006	3	5015	5436	-648	14919	99	15018	1980	16998	49.93
8	3930	977	270	5177	266	4897	33	5257	5598	-764	15207	98	15305	2135	17440	49.95
9	3973	1362	265	5600	308	4547	82	5473	5869	-1010	15396	103	15499	2424	17923	49.92
10	3917	1550	261	5728	359	4498	145	5543	5888	-1154	15464	240	15704	2757	18461	49.88
11	3929	1693	265	5887	337	4572	119	5691	5706	-1325	15296	346	15642	2971	18613	49.83
12	3928	1624	262	5814	268	4611	132	5748	6005	-1334	15496	458	15954	2994	18948	49.86
13	3873	1478	262	5613	328	4538	119	5857	5592	-1332	14858	523	15381	2991	18372	49.82
14	3844	1190	266	5300	369	4485	134	5630	5850	-1295	14843	443	15286	2900	18186	49.88
15	3902	1377	267	5546	371	4593	103	5942	5865	-1345	15133	233	15366	2945	18311	49.84
16	3903	1502	266	5671	592	4524	99	5537	5562	-1351	15097	344	15441	2953	18394	49.91
17	3951	1078	258	5287	924	4553	56	5446	5272	-1340	14752	273	15025	2947	17972	49.88
18	3962	516	259	4737	907	4596	26	4363	4502	-1293	13475	334	13809	2892	16701	49.98
19	3967	485	259	4711	793	4521	2	4481	4385	-1214	13198	205	13403	2803	16206	49.91
20	4018	1010	262	5290	665	4654	0	5077	4900	-1222	14287	366	14653	2821	17474	49.89
21	3967	422	262	4651	610	4611	0	5089	5159	-1195	13836	227	14063	2701	16764	49.82
22	3969	315	264	4548	539	4624	0	4897	4942	-1159	13494	98	13592	2592	16184	49.88
23	3963	385	264	4612	576	4722	0	4828	4843	-1043	13710	61	13771	2435	16206	49.89
24	4006	600	268	4874	544	4652	0	4695	4748	-937	13881	54	13935	2306	16241	49.93
MUs	95.26	19.01	6.35	120.62	12.98	112.84	1.05	120.82	122.50	-24.53	345.47	4.70	350.16	59.69	409.85	49.89

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 02/Sep/2015

Position as on 6.30 Hrs of 03/Sep/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 1	160	12/10/2014	22:39		Continued.	Refuelling work	
TPC-G	Trombay 7B	60	17/07/2015	20.00		Continued.	Gas Path Inspection	
MSPGCL	Bhusawal Unit 5	500	29/07/2015	06.29		Continued.	Annual Overhaul	
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	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPL	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	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
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	
TPC-G	Bhira PSU	150	09/06/2015	10.53		Continued.	Stator Earth Fault	
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	
MSPGCL	Koradi Unit-8	660	20/08/2015	09.50		Continued.	EPS problem	
MSPGCL	Chandrapur Unit-8	500	23/08/2015	21.35		Continued.	cooling water pump tripped	
CPP	WPCL U-1	135	25/08/2015	19.18		Continued.	Maintenance work	
MSPGCL	Nasik Unit 4	210	02/09/2015	05.37		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Sep/2015

Position as on 6.30 Hrs of 03/Sep/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	RPL(AMT) U-1	270	02/09/2015	07.09	03/09/2015	02.50	Condensor Cleaning.	
IPP	RPL(AMT) U-4	270	02/09/2015	08.17		Continued.	P A Fan Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 03/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							
Kolhapur Mapusa II	InterState	01/09/2015	17.02	02/09/2015	07.23	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	01/09/2015	21.44	02/09/2015	07.02	HT	Over Voltage
Kolhapur Mapusa II	InterState	02/09/2015	16.36		Continued.	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	02/09/2015	23.03	03/09/2015	06.24	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	20/07/2015	17.29		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	27/08/2015	11.20		Continued.	PO	opportunity outage for line rectification in work (RFC 16.50)
Karad - Jaigad - II	IntraState	31/08/2015	16.41	02/09/2015	06.53	HT	Over Voltage
karad -kolhapur-I	IntraState	01/09/2015	11.08		Continued.	PO	Replacement of ABB Pole.
Bhusawal-Aurangabad	IntraState	01/09/2015	17.35	02/09/2015	06.40	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/09/2015	16.43		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	02/09/2015	21.24	03/09/2015	06.00	HT	Over Voltage
karad -kolhapur-II	IntraState	03/09/2015	05.00	03/09/2015	05.57	T	Distance Protection
Jejuri- Koynastage-IV	IntraState	03/09/2015	05.23	03/09/2015	05.50	T	Distance Protection
karad -kolhapur-II	IntraState	03/09/2015	06.42		Continued.	T	Distance Protection
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 deenergising 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 deenergising the line bet.86 to 107.
REL Borivali TPC Borivali line	IntraState	10/07/2015	16.22		Continued.	T	Distance Protection
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
Koradi-Ambazari-I	IntraState	02/09/2015	12.29	02/09/2015	16.56	PO	Line Isolator & Routine Maint.
Koradi-Butibori Rly Tss	IntraState	02/09/2015	14.06	02/09/2015	15.08	T	Distance Protection Operated Zone-I R Ph to E.
Boisar Versova Line	IntraState	02/09/2015	17.10	02/09/2015	19.29	T	Line Differential Prot.,B Ph.
Temghar - Kalwa	IntraState	02/09/2015	18.24		Continued.	EO	Attending Hot Spot,On TBC.
Nashik-Airoli Knowledge Park	IntraState	03/09/2015	03.20	03/09/2015	03.39	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault

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