

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Sep/2015 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.901	2920.144	1) Gujrat	8.503	114.727
2) Hydro	11.622	260.699	2) Madhya Pradesh	16.123	284.655
3) Gas	6.815	224.731	3) Chattisgarh	4.540	118.520
Total MSPGCL	121.338	3405.574	4) Maharashtra Net	108.818	2676.706
B) 1) APML	52.960	1408.680	5) Goa	-8.188	-208.522
2) JSWEL	28.003	800.883	6) TAPS 1&2 Injection	3.807	108.041
3) VIPL	12.151	320.416	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	23.040	566.244	8) Pench (MS)	0.953	19.393
5) WPCL	4.351	116.475	9) Pench (Excess)	-0.953	-19.393
6) Other IPP	2.674	62.884	Total	132.650	3074.734
C) 1) TPCL Thermal	17.362	473.695	a) Mumbai Schedule	24.570	632.334
2) TPCL Hydro	2.980	49.547	b) Mumbai Drawl	28.327	742.055
3) TPCL Gas	3.955	103.381	c) MSEDCL Bilateral *	38.199	741.331
4) R-INFRA Thermal	12.216	335.517	Include PX	10.361	-56.432
D) STATE			d) Mumbai Bilateral *	24.500	631.229
1) Thermal	255.658	7004.938	Include PX	3.135	39.235
(A1+C1+C4+(B1-B6))			Include Standby	0.070	1.105
2) Hydro (A2+C2)	14.602	310.246	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	10.770	328.112	1) MSEDCL	359.250	9391.634
4) Wind	9.170	347.580	2) Mumbai Discoms	64.840	1704.155
6) SOLAR	1.240	30.219	TOTAL STATE	424.090	11095.789
TOTAL STATE	291.440	8021.095			

* 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	4240	4435	4396	3991
MSPGCL Hydro	1063	1243	919	127
MSPGCL Gas	276	274	282	290
MSPGCL Total Generation	5579	5952	5597	4408
Central Sector Receipt	6435	6095	5570	4681
WIND	480	286	319	352
CPP / IPP	5055	5047	5343	4934
SOLAR	172	115	0	0
Exchange with Mumbai	-1468	-1547	-1419	-637
MSEDCL DEMAND MET	16253	15948	15410	13738
Load Shedding	208	100	114	31
MSEDCL DEMAND	16461	16048	15524	13769
TPCL GENERATION	1246	1183	1159	849
R-INFRA GENERATION	506	506	516	407
MUMBAI DEMAND	3220	3236	3094	1893
STATE DEMAND MET	19473	19184	18504	15631
STATE DEMAND	19681	19284	18618	15662
Frequency (Hz)	49.92	49.90	49.93	49.87

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.01 Hrs	49.64 Hz at 18.11 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 29/Sep/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	82.57	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.97	91.92	175	137
Total	3.97	174.49		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.07	117.37	175	165
Unit 4	0.76	263.33	240	0
Unit 5	12.13	215.58	510	500
Total	16.96	596.28		
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	3.32	79.26	150	120
Unit 3	4.61	114.55	200	175
Unit 4	4.19	8.07	198	107
Unit 5	6.18	219.80	280	212
Unit 6	9.84	245.94	435	365
Unit 7	8.70	241.85	405	310
Total	36.85	909.46		
Paras				
Unit 3	2.39	131.26	231	0
Unit 4	5.10	140.06	222	190
Total	7.48	271.33		
Khaparkheda				
Unit 1	3.46	78.60	180	100
Unit 2	3.44	97.92	175	125
Unit 3	3.88	102.62	177	145
Unit 4	3.55	102.14	162	136
Unit 5	9.73	240.11	470	330
Total	24.06	621.41		
Nasik				
Unit 3	4.50	107.83	195	180
Unit 4	4.54	113.59	200	180
Unit 5	4.54	125.75	196	175
Total	13.58	347.17		
Uran				
All Units	6.82	224.73	295	274
Total	6.82	224.73		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.95	19.39	43	33
Total	0.95	19.39		
Koyna				
Stage 1-2	3.28	92.55	375	40
Stage 4	4.36	67.88	660	0
Stage 3	1.42	39.07	210	0
Total	9.06	199.50		
Hydro				
KDPH	0.59	9.02	37	18
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.	0.16	4.78	80	0
RNGR+BHTSA	0.15	1.84	14	0
BHANDARDRA	0.48	9.01	38	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.38	8.53	23	13
GHATGHAR	0.81	27.60	250	0
Total	2.57	61.20		
Wind				
Total	9.17	347.58	0	0
Total	9.17	347.58		
CPP				
APML(Mus)	52.96	1408.68	0	0
JSWEL(Mus)	28.00	800.88	0	0
VIPL(Mus)	12.15	320.42	0	0
RPLAMT(Mus)	23.04	566.24	0	0
WPCL(Mus)	4.35	116.48	0	0
Other(Mus)	2.67	62.88	0	0
Total	123.18	3275.58		
SOLAR				
Total	1.24	30.22	0	0
Total	1.24	30.22		
Tata				
Trombay 5	11.44	308.26	487	452
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.44	69.65	115	69
Trombay 7B	1.51	33.73	68	52
Trombay 8	5.92	165.43	250	244
TATA Hydro	2.98	49.55	359	0
Total	24.30	626.62		
R-INFRA				
1-2	12.22	335.52	518	407
Total	12.22	335.52		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	102.90	2920.14
MSPGCL Thml+Gas	109.72	3144.88

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	11.62	260.70
MSPGCL Total	121.34	3405.57

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	7.63	160.43
State Total	291.44	8021.10

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/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	4013	212	291	4516	312	5312	0	4796	4859	-949	14050	38	14088	2330	16418	49.89
2	4066	117	291	4474	334	5269	0	4770	4828	-761	14144	35	14179	2115	16294	49.91
3	4065	122	291	4478	363	5263	0	4770	4541	-649	13996	34	14030	1989	16019	49.92
4	4005	127	290	4422	369	5088	0	4782	4664	-554	13989	31	14020	1918	15938	49.92
5	3991	127	290	4408	352	4934	0	4791	4681	-637	13738	31	13769	1893	15662	49.87
6	4069	192	290	4551	389	5164	0	4928	5012	-559	14557	55	14612	1969	16581	49.78
7	4153	229	294	4676	386	5143	0	5406	5616	-665	15156	106	15262	2069	17331	49.85
8	4190	434	295	4919	335	5142	30	5713	5789	-791	15424	106	15530	2216	17746	49.96
9	4268	604	287	5159	333	5233	71	5853	6116	-1088	15824	131	15955	2521	18476	49.84
10	4304	610	284	5198	458	5192	123	6070	6117	-1397	15691	122	15813	2852	18665	49.88
11	4265	879	279	5423	399	5029	154	6123	6359	-1534	15830	104	15934	3159	19093	49.95
12	4240	1063	276	5579	480	5055	172	6136	6435	-1468	16253	208	16461	3220	19681	49.92
13	4285	817	276	5378	461	5039	177	6050	6097	-1503	15649	292	15941	3223	19164	49.89
14	4372	603	274	5249	374	4976	169	5954	6271	-1419	15620	290	15910	3136	19046	49.86
15	4449	829	274	5552	323	4988	139	5958	6307	-1498	15811	172	15983	3227	19210	49.85
16	4435	1243	274	5952	286	5047	115	6048	6095	-1547	15948	100	16048	3236	19284	49.90
17	4559	1038	276	5873	239	5129	60	5902	6024	-1545	15780	123	15903	3234	19137	49.93
18	4492	530	280	5302	223	5284	28	5227	5174	-1521	14490	95	14585	3148	17733	49.91
19	4441	383	281	5105	217	5290	2	5267	5422	-1415	14621	61	14682	3100	17782	49.84
20	4396	919	282	5597	319	5343	0	5295	5570	-1419	15410	114	15524	3094	18618	49.93
21	4396	167	282	4845	484	5158	0	5520	5312	-1463	14336	101	14437	2934	17371	49.90
22	4505	93	286	4884	548	4977	0	5159	5296	-1401	14304	76	14380	2814	17194	49.95
23	4493	87	287	4867	621	5008	0	5074	4913	-1320	14089	28	14117	2743	16860	49.91
24	4449	197	285	4931	565	5116	0	4732	5153	-1224	14541	28	14569	2700	17269	49.91
MUs	102.90	11.62	6.81	121.34	9.17	123.18	1.24	130.32	132.65	-28.33	359.25	2.48	361.73	64.84	426.57	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 29/Sep/2015

Position as on 6.30 Hrs of 30/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 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 generator bearing	
MSPGCL	Koradi Unit-8	660	18/09/2015	18.08		Continued.	ESP Problem	
MSPGCL	Koradi Unit 5	200	25/09/2015	21.57		Continued.	ID Fan vibration high	
MSPGCL	Bhusawal Unit 4	500	26/09/2015	21.22	29/09/2015	19.49	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	27/09/2015	00.48	29/09/2015	11:10	Furnace Pressure High	
MSPGCL	Chandrapur Unit-8	500	28/09/2015	16.32	29/09/2015	06.52	Drum level low	
MSPGCL	Uran Unit B0	120	28/09/2015	23.06		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	28/09/2015	23.11		Continued.	Gas shortage	
IPP	AAEL	9	29/09/2015	21.10	29/09/2015	22.15	Turbine Problem	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 30/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	28/09/2015	17.13	29/09/2015	06.40	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	28/09/2015	17.19	29/09/2015	06.29	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	29/09/2015	07.02	29/09/2015	20.42	PO	For OPGW work.
Dabhol Nagothane I	InterState	29/09/2015	08.52		Continued.	PO	Routine Maintenance Work
Dhule Sar'Sarovar I	InterState	29/09/2015	18.10	30/09/2015	06.49	HT	Over Voltage
Kolhapur Mapusa I	InterState	29/09/2015	21.41	30/09/2015	06.41	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	25/09/2015	18.20	29/09/2015	17.30	HT	Attending Hot Spot
karad -kolhapur-I	IntraState	28/09/2015	16.41	29/09/2015	06.26	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/09/2015	17.04	29/09/2015	06.31	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/09/2015	20.21	29/09/2015	06.25	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	29/09/2015	17.35		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/09/2015	18.07	30/09/2015	06.39	HT	Over Voltage
karad -kolhapur-II	IntraState	29/09/2015	21.35	30/09/2015	06.37	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/09/2015	22.03	30/09/2015	06.39	HT	Over Voltage
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	29/09/2015	13.05	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
Uran - Kharghar 2	IntraState	29/09/2015	12.25	29/09/2015	19.31	T	Distance Protection
Nashik-Padgha	IntraState	29/09/2015	20.33	29/09/2015	23.58	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
220/22KV 100MVA T/F 4 @Mulund	IntraState	09/09/2015	12.20		Continued.	PO	Replacement of Control and Relay Panel

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