

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Sep/2015 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	113.582	3033.726	1) Gujrat	9.358	124.085
2) Hydro	5.884	266.583	2) Madhya Pradesh	11.180	295.835
3) Gas	6.785	231.516	3) Chattisgarh	3.760	122.280
Total MSPGCL	126.251	3531.825	4) Maharashtra Net	102.677	2779.383
B) 1) APML	56.080	1464.760	5) Goa	-7.859	-216.381
2) JSWEL	28.101	828.984	6) TAPS 1&2 Injection	3.520	111.561
3) VIPL	10.689	331.105	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	22.390	588.634	8) Pench (MS)	0.939	20.332
5) WPCL	4.043	120.518	9) Pench (Excess)	-0.939	-20.332
6) Other IPP	3.068	65.952	Total	121.697	3196.431
C) 1) TPCL Thermal	17.095	490.790	a) Mumbai Schedule	23.160	655.493
2) TPCL Hydro	3.036	52.583	b) Mumbai Drawl	30.353	772.408
3) TPCL Gas	4.433	107.814	c) MSEDCL Bilateral *	32.144	773.475
4) R-INFRA Thermal	11.822	347.339	Include PX	3.202	-53.230
D) STATE			d) Mumbai Bilateral *	23.160	654.388
1) Thermal	266.870	7271.808	Include PX	3.094	42.330
(A1+C1+C4+(B1-B6))			Include Standby	0.000	1.105
2) Hydro (A2+C2)	8.920	319.166	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	11.218	339.330	1) MSEDCL	358.357	9749.991
4) Wind	15.231	362.811	2) Mumbai Discoms	66.739	1770.894
6) SOLAR	1.160	31.379	TOTAL STATE	425.096	11520.885
TOTAL STATE	303.399	8324.494			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	4828	4823	4646	4581
MSPGCL Hydro	318	241	386	141
MSPGCL Gas	273	273	281	290
MSPGCL Total Generation	5419	5337	5313	5012
Central Sector Receipt	6043	5916	5267	4049
WIND	887	794	408	621
CPP / IPP	5249	5186	5442	4655
SOLAR	162	177	0	0
Exchange with Mumbai	-1532	-1559	-1475	-795
MSEDCL DEMAND MET	16228	15851	14955	13542
Load Shedding	77	89	128	19
MSEDCL DEMAND	16305	15940	15083	13561
TPCL GENERATION	1208	1198	1174	754
R-INFRA GENERATION	505	510	514	397
MUMBAI DEMAND	3245	3267	3163	1946
STATE DEMAND MET	19473	19118	18118	15488
STATE DEMAND	19550	19207	18246	15507
Frequency (Hz)	49.89	49.95	49.92	49.88

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18:02 Hrs	49.51 Hz at 18:40 Hrs	49.91	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 30/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	3.79	95.70	167	150
Total	3.79	178.28		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.02	121.40	175	160
Unit 4	10.89	274.22	495	285
Unit 5	11.60	227.18	500	420
Total	26.52	622.80		
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	3.47	82.72	151	140
Unit 3	4.55	119.10	204	170
Unit 4	4.38	12.45	200	153
Unit 5	3.89	223.69	250	120
Unit 6	9.74	255.67	420	363
Unit 7	9.45	251.29	410	374
Total	35.47	944.93		
Paras				
Unit 3	5.25	136.51	228	205
Unit 4	5.30	145.36	238	213
Total	10.54	281.87		
Khaparkheda				
Unit 1	3.22	81.82	165	90
Unit 2	3.28	101.20	165	115
Unit 3	3.89	106.51	181	150
Unit 4	3.72	105.86	168	150
Unit 5	9.60	249.71	450	360
Total	23.71	645.12		
Nasik				
Unit 3	4.54	112.36	200	180
Unit 4	4.52	118.11	203	167
Unit 5	4.51	130.26	195	172
Total	13.56	360.73		
Uran				
All Units	6.78	231.52	291	271
Total	6.78	231.52		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.94	20.33	50	20
Total	0.94	20.33		
Koyna				
Stage 1-2	2.44	95.00	395	40
Stage 4	0.19	68.07	166	0
Stage 3	0.36	39.44	160	0
Total	3.00	202.50		
Hydro				
KDPH	0.74	9.76	37	19
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.	0.20	4.98	80	0
RNGR+BHTSA	0.18	2.02	8	7
BHANDARDRA	0.52	9.52	22	21
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.27	8.80	12	11
GHATGHAR	0.97	28.57	125	0
Total	2.88	64.08		
Wind				
Total	15.23	362.81	0	0
Total	15.23	362.81		
CPP				
APML(Mus)	56.08	1464.76	0	0
JSWEL(Mus)	28.10	828.98	0	0
VIPL(Mus)	10.69	331.10	0	0
RPLAMT(Mus)	22.39	588.63	0	0
WPCL(Mus)	4.04	120.52	0	0
Other(Mus)	3.07	65.95	0	0
Total	124.37	3399.95		
SOLAR				
Total	1.16	31.38	0	0
Total	1.16	31.38		
Tata				
Trombay 5	11.20	319.47	487	356
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	72.45	127	105
Trombay 7B	1.63	35.36	70	64
Trombay 8	5.89	171.32	250	208
TATA Hydro	3.04	52.58	376	0
Total	24.56	651.19		
R-INFRA				
1-2	11.82	347.34	518	395
Total	11.82	347.34		

Infirm Power	Chandrapur 8	0.00
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	113.58	3033.73
MSPGCL Thml+Gas	120.37	3265.24

Koradi 8	0.00	
Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	5.88	266.58
MSPGCL Total	126.25	3531.82

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	2.64	163.07
State Total	303.40	8324.49

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/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	4591	151	287	5029	626	5049	0	4669	4686	-1048	14342	31	14373	2475	16848	49.92
2	4703	101	288	5092	621	5116	0	4621	4296	-835	14290	19	14309	2254	16563	49.93
3	4651	106	287	5044	618	4877	0	4534	4377	-770	14146	19	14165	2092	16257	49.91
4	4712	106	291	5109	599	4891	0	4480	4127	-723	14003	19	14022	2002	16024	49.97
5	4581	141	290	5012	621	4655	0	4422	4049	-795	13542	19	13561	1946	15507	49.88
6	4741	106	289	5136	652	4928	0	4606	4291	-779	14228	59	14287	2017	16304	49.85
7	4866	116	291	5273	606	5218	0	4903	4975	-757	15315	126	15441	2107	17548	49.87
8	4905	266	291	5462	569	5149	30	5078	4838	-808	15240	126	15366	2247	17613	49.94
9	4907	185	285	5377	667	5126	68	5669	5732	-1064	15906	86	15992	2502	18494	49.96
10	4903	327	280	5510	785	5243	123	5761	5654	-1471	15844	38	15882	2946	18828	49.95
11	4873	351	276	5500	912	5308	156	5854	5909	-1569	16216	28	16244	3184	19428	49.92
12	4828	318	273	5419	887	5249	162	5796	6043	-1532	16228	77	16305	3245	19550	49.89
13	4823	241	273	5337	794	5186	177	5580	5916	-1559	15851	89	15940	3267	19207	49.95
14	4847	237	279	5363	740	5135	146	5384	5857	-1529	15712	91	15803	3171	18974	49.93
15	4777	511	277	5565	668	5336	135	5411	5320	-1518	15506	53	15559	3256	18815	49.75
16	4734	541	271	5546	638	5411	80	5543	5494	-1516	15653	29	15682	3302	18984	49.82
17	4728	591	274	5593	487	5384	61	5376	5467	-1547	15445	39	15484	3301	18785	49.86
18	4688	141	280	5109	493	5337	20	4927	4833	-1564	14228	39	14267	3247	17514	49.92
19	4642	199	279	5120	487	5536	2	5140	5058	-1529	14674	39	14713	3176	17889	49.87
20	4646	386	281	5313	408	5442	0	5199	5267	-1475	14955	128	15083	3163	18246	49.92
21	4687	276	285	5248	479	5302	0	5004	5258	-1497	14790	119	14909	3047	17956	49.99
22	4734	145	284	5163	631	5265	0	4960	4429	-1527	13961	92	14053	2968	17021	49.95
23	4508	126	285	4919	590	5316	0	4890	4798	-1520	14103	23	14126	2952	17078	49.87
24	4507	216	289	5012	653	4912	0	4793	5023	-1421	14179	23	14202	2872	17074	49.93
MUs	113.58	5.88	6.78	126.25	15.23	124.37	1.16	122.60	121.70	-30.35	358.36	1.41	359.77	66.74	426.51	49.91

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 30/Sep/2015

Position as on 6.30 Hrs of 01/Oct/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	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	
MSPGCL	Koradi Unit 5	200	30/09/2015	11.12	30/09/2015	15.35	ID Fan Problem	
MSPGCL	Chandrapur Unit 5	500	30/09/2015	17.34		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-1	270	01/10/2015	06.20		Continued.	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Sep/2015

Statement-VII

Position as on 6.30 Hrs of 01/Oct/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 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
Kolhapur Mapusa II	InterState	30/09/2015	21.39	01/10/2015	07.00	HT	Over Voltage
Akola II - Taptitanda ckt-I	IntraState	05/09/2015	21.56		Continued.	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
Chandrapur - Chandrapur II	IntraState	30/09/2015	09.24	30/09/2015	13.34	PO	Repairing of Cut Conductor Strands @ Y Phase LIL O Jumper.
Bhusawal-Aurangabad	IntraState	30/09/2015	19.49	01/10/2015	06.41	HT	Over Voltage
karad -kolhapur-I	IntraState	30/09/2015	21.35	01/10/2015	07.12	HT	Over Voltage
Karad - Jaigad - II	IntraState	30/09/2015	21.50	30/09/2015	23.05	HT	Over Voltage
Karad-Jaigad - I	IntraState	30/09/2015	22.58	01/10/2015	06.40	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220kV 315MVA ICT-III @ Kharghar	IntraState	30/09/2015	08.03		Continued.	EO	Attend Leakage from Bucholze Relay.
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	30/09/2015	16.47	30/09/2015	18.50	PO	Maintenance Work,C T Testing.
220 KV LINE Outages/Trippings							
Boisar(MS) - Boisar (PG) - I	InterState	30/09/2015	10.07	30/09/2015	18.11	PO	Taken on TBC To Attend Hot Spot.
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.
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	30/09/2015	19.22	PO	Mumbai Strengthening work
REL Borivali TPC Borivali line	IntraState	10/09/2015	16.22	30/09/2015	13.50	T	Tripped.
Parvati - Hybrid Pass	IntraState	30/09/2015	07.48	30/09/2015	17.25	HT	To Control Chinchwad Urse Loading.
Pedambe-Nerle	IntraState	30/09/2015	12.25	30/09/2015	13.05	T	Distance Protection
Solapur(Bale) - Tuljapur	IntraState	30/09/2015	12.37	30/09/2015	20.20	PO	Quarterly Maintainance Work
Kalwa - Mulund 1	IntraState	01/10/2015	01.17	01/10/2015	06.38	PO	C T Testing 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 Panal
220/132 Kv 100 Mva Emco Ict 2 @Dondaicha	IntraState	30/09/2015	07.50	30/09/2015	11.30	PO	For Attending Redhot on R & B Ph Palm Bottom Side 220KV Pole.

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