

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	128.624	3531.842	1) Gujrat	-2.220	-28.465
2) Hydro	23.561	632.148	2) Madhya Pradesh	11.239	381.699
3) Gas	5.636	188.995	3) Chattisgarh	5.140	180.870
Total MSPGCL	157.821	4352.985	4) Maharashtra Net	95.967	2858.375
B) 1) APML	57.640	1577.700	5) Goa	-7.914	-214.659
2) JSWEL	16.478	564.469	6) TAPS 1&2 Injection	3.197	95.176
3) VIPL	12.533	315.971	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.760	150.180	8) Pench (MS)	0.031	3.284
5) WPCL	9.680	241.202	9) Pench (Excess)	-0.031	-2.921
6) Other IPP	5.926	164.793	Total	105.378	3270.075
C) 1) TPCL Thermal	17.428	478.330	a) Mumbai Schedule	28.265	747.141
2) TPCL Hydro	4.090	101.912	b) Mumbai Drawl	31.677	856.680
3) TPCL Gas	2.582	88.490	c) MSEDCL Bilateral *	32.397	891.235
4) R-INFRA Thermal	11.733	336.040	Include PX	-0.176	0.022
D) STATE			d) Mumbai Bilateral *	28.265	745.141
1) Thermal	265.802	7360.527	Include PX	1.490	65.732
(A1+C1+C4+(B1-B6))			Include Standby	0.000	2.000
2) Hydro	27.651	734.060	H) ENERGY CATERED (MUs)		
3) Gas	8.218	277.485	1) MSEDCL	358.917	10325.179
4) Wind	18.040	506.075	2) Mumbai Discoms	67.510	1861.449
6) SOLAR	1.338	35.488	TOTAL STATE	426.427	12186.628
TOTAL STATE	321.049	8913.635			

* 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 5 Hrs
MSPGCL Thermal	5409	5380	5233	5446
MSPGCL Hydro	1672	1728	778	644
MSPGCL Gas	268	268	154	278
MSPGCL Total Generation	7349	7376	6165	6368
Central Sector Receipt	5079	5470	3536	3557
WIND	322	508	1077	741
CPP / IPP	4537	4572	4433	4397
SOLAR	184	157	0	0
Exchange with Mumbai	-1525	-1547	-1541	-774
MSEDCL DEMAND MET	15946	16536	13670	14289
Load Shedding	47	41	41	47
MSEDCL DEMAND	15993	16577	13711	14336
TPCL GENERATION	1250	1305	971	854
R-INFRA GENERATION	518	518	442	518
MUMBAI DEMAND	3293	3370	2954	2146
STATE DEMAND MET	19239	19906	16624	16435
STATE DEMAND	19286	19947	16665	16482
Frequency (Hz)	49.88	49.91	49.96	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 19.02 Hrs	49.72 Hz at 22.12 Hrs	49.93	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/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.55	97.26	155	130
Unit 6	0.00	0.00	0	0
Unit 7	0.67	97.49	132	0
Total	4.22	194.75		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	11.26	294.16	500	375
Unit 5	11.24	261.53	500	375
Total	22.51	555.69		
Parli				
Unit 3	3.63	52.78	155	149
Unit 4	0.00	0.00	0	0
Unit 5	3.53	75.92	152	140
Unit 6	5.65	149.53	250	199
Unit 7	5.43	135.14	248	194
Total	18.24	413.37		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.02	82.07	142	12
Unit 3	4.65	116.04	204	164
Unit 4	4.43	107.62	191	170
Unit 5	9.84	186.38	430	367
Unit 6	9.61	240.32	417	370
Unit 7	8.75	266.38	410	325
Total	40.29	998.82		
Paras				
Unit 3	0.00	134.45	0	0
Unit 4	5.89	154.90	255	203
Total	5.89	289.35		
Khaparkheda				
Unit 1	4.18	117.44	185	165
Unit 2	3.76	105.02	175	140
Unit 3	0.00	100.36	0	0
Unit 4	3.98	118.30	170	154
Unit 5	11.54	270.78	500	430
Total	23.47	711.91		
Nasik				
Unit 3	4.74	127.15	205	185
Unit 4	4.68	126.30	202	182
Unit 5	4.57	114.50	197	182
Total	14.00	367.96		
Uran				
All Units	5.64	189.00	279	134
Total	5.64	189.00		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.03	3.28	20	0
Total	0.03	3.28		
Koyna				
Stage 1-2	4.60	155.26	475	40
Stage 4	12.37	277.85	1094	0
Stage 3	3.46	94.51	240	0
Total	20.43	527.62		
Hydro				
KDPH	0.72	13.47	30	30
VTRNA	0.86	22.90	61	0
TILLARI	0.25	8.27	64	0
BHTGR/VEER	0.00	1.32	0	0
BHIRA T.R.	0.15	5.04	80	0
RNGR+BHTSA	0.23	5.69	10	9
BHANDARDRA	0.23	6.76	10	9
ELDARY	0.00	2.50	0	0
SMLHY_PTN	0.41	19.64	18	17
GHATGHAR	0.28	18.93	80	0
Total	3.13	104.53		
Wind				
Total	18.04	506.08	0	0
Total	18.04	506.08		
CPP				
APML(Mus)	57.64	1577.70	0	0
JSWEL(Mus)	16.48	564.47	0	0
VIPL(Mus)	12.53	315.97	0	0
RPLAMT(Mus)	5.76	150.18	0	0
WPCL(Mus)	9.68	241.20	0	0
Other(Mus)	5.93	164.75	0	0
Total	108.02	3014.28		
SOLAR				
Total	1.34	35.49	0	0
Total	1.34	35.49		
Tata				
Trombay 5	11.58	310.00	496	370
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	52.37	60	59
Trombay 7B	1.15	36.12	49	47
Trombay 8	5.85	168.33	249	202
TATA Hydro	4.09	101.91	459	0
Total	24.10	668.73		
R-INFRA				
1-2	11.73	336.04	520	381
Total	11.73	336.04		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	128.62	3531.84
MSPGCL Thml+Gas	134.26	3720.84

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	23.56	632.15
MSPGCL Total	157.82	4352.98

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	16.97	433.11
State Total	321.05	8913.64

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/May/2015

Annexure-2

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	5433	1868	269	7570	542	4700	0	4335	4640	-1370	16082	65	16147	2726	18873	49.92
2	5387	1546	268	7201	672	4744	0	4180	3679	-1101	15195	47	15242	2467	17709	49.90
3	5398	1149	276	6823	795	4567	0	3942	4348	-932	15601	47	15648	2307	17955	49.96
4	5404	928	279	6611	725	4559	0	3979	3611	-826	14680	47	14727	2198	16925	49.98
5	5446	644	278	6368	741	4397	0	4031	3557	-774	14289	47	14336	2146	16482	49.98
6	5461	692	278	6431	748	4468	0	4138	4817	-839	15625	47	15672	2200	17872	50.00
7	5486	1012	276	6774	658	4459	10	4262	4220	-837	15284	47	15331	2152	17483	49.91
8	5545	721	275	6541	666	4527	45	4366	4415	-903	15291	47	15338	2255	17593	49.98
9	5483	688	275	6446	469	4508	90	4618	4336	-1148	14701	47	14748	2522	17270	49.91
10	5516	1106	275	6897	538	4355	131	4788	5553	-1374	16100	47	16147	2931	19078	49.99
11	5471	1739	270	7480	362	4402	160	4762	4805	-1528	15681	47	15728	3198	18926	49.96
12	5409	1672	268	7349	322	4537	184	4925	5079	-1525	15946	47	15993	3293	19286	49.88
13	5423	1390	268	7081	288	4361	175	5103	5731	-1534	16102	47	16149	3353	19502	49.88
14	5402	1532	268	7202	443	4541	186	4806	5119	-1481	16010	41	16051	3269	19320	49.88
15	5380	1728	268	7376	508	4572	157	4713	5470	-1547	16536	41	16577	3370	19947	49.91
16	5456	1803	134	7393	854	4649	106	4667	4728	-1572	16158	41	16199	3394	19593	49.85
17	5387	877	134	6398	1184	4656	67	4163	4506	-1553	15258	41	15299	3346	18645	49.97
18	5320	218	159	5697	1399	4523	25	3903	3682	-1605	13721	41	13762	3181	16943	49.96
19	4962	267	137	5366	1210	4243	2	3612	2924	-1637	12108	41	12149	2977	15126	49.97
20	5233	778	154	6165	1077	4433	0	3989	3536	-1541	13670	41	13711	2954	16665	49.96
21	5368	328	161	5857	974	4623	0	4049	3478	-1419	13513	41	13554	2848	16402	49.94
22	5331	199	191	5721	1109	4467	0	4049	3932	-1450	13779	41	13820	2766	16586	49.96
23	5015	175	205	5395	922	4348	0	4027	4573	-1589	13649	41	13690	2811	16501	49.86
24	4908	501	270	5679	834	4378	0	4032	4639	-1592	13938	41	13979	2846	16825	49.90
MUs	128.62	23.56	5.64	157.82	18.04	108.02	1.34	103.44	105.38	-31.68	358.92	1.08	360.00	67.51	427.51	49.93

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/May/2015

Position as on 6.30 Hrs of 30/May/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	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Renovation and Modification work	
MSPGCL	Parli Unit 4	210	13/04/2015	11.27		Continued.	Turbine vibration high. Continued to AOH w.e.f.01.05.2015	
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.	PA Fan Vibration Problem	
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	
IPP	RPL(AMT) U-1	270	21/03/2015	23.28	29/05/2015	21.31	Turbine vibration high.	
MSPGCL	Chandrapur Unit-8	500	29/03/2015	18.26		Continued.	Withdrawn	
MSPGCL	Koradi Unit-8	660	30/03/2015	20.22		Continued.	BLR Tripped.	
MSPGCL	Uran Unit 6	108	01/04/2015	16.35		Continued.	Gas shortage	
IPP	RPL(AMT) U-4	270	03/04/2015	11.42		Continued.	Boiler feed Pump problem.	
IPP	RPL(AMT) U-5	270	03/04/2015	14.22		Continued.	turbine Shaft Vibration high.	
IPP	RPL(AMT) U-3	270	05/04/2015	22.01		Continued.	Governor AVR Problem.	
TPC-G	Trombay 6	500	06/04/2015	16.27		Continued.	Economic shut down.	
MSPGCL	Uran Unit 7	108	17/04/2015	00.07		Continued.	Gas turbine problem	
MSPGCL	Bhusawal Unit 3	210	20/04/2015	00.00		Continued.	no buyer as per msdcl regirment	
IPP	Adani U-3	660	11/05/2015	00.52		Continued.	Main Steam Drain MIY Bonnet Leakage.	
IPP	JSW (J) U1	300	14/05/2015	19.16		Continued.	Turbine Bearing Problem	
MSPGCL	Koradi Unit 7	210	27/05/2015	03.20	29/05/2015	15.37	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	27/05/2015	12.30		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit A0	120	29/05/2015	15.02	29/05/2015	23.01	Gas shortage	
MSPGCL	Uran Unit 5	108	29/05/2015	15.04	29/05/2015	19.23	Gas shortage	
MSPGCL	Chandrapur Unit 2	210	29/05/2015	23.12		Continued.	Boiler Tube Leakage	

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

Statement-VII

Position as on 6.30 Hrs of 30/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Wardha PG -Aurangabad PG III	InterState	03/05/2015	07.24		Continued.	HT	To Control ICT Loading.
Wardha(PG)-Aurangabad(PG)- II	InterState	22/05/2015	16.44		Continued.	HT	To Control ICT Loading.
Koradi-III - Akola-II ckt-I	IntraState	30/05/2015	05.24		Continued.	T	Distance Protection
765 KV ICT Outages/Trippings							
765/400kV 1500MVA ICT-I@Koradi-III	IntraState	20/05/2015	09.14		Continued.	PO	Annual Maintenance Work
400 KV LINE Outages/Trippings							
Wardha (PG)-Warora II	InterState	20/05/2015	02.39		Continued.	T	Breaker Accumulator Oil Leakage
Kolhapur Mapusa II	InterState	28/05/2015	17.29	29/05/2015	07.17	HT	Over Voltage
Dabhol Nagothane II	InterState	29/05/2015	08.26	29/05/2015	19.37	PO	Bay Maint.Work.
Kolhapur Mapusa II	InterState	29/05/2015	16.52		Continued.	T	Over Voltage
Dhule Sar'Sarovar I	InterState	29/05/2015	18.30		Continued.	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	30/05/2015	02.19		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering CT Burst.
Akola II - Taptitanda	IntraState	20/05/2015	08.59		Continued.	HT	Ckt I and Ckt 2 new charged to control BLSR ICT loading.
karad -kolhapur-I	IntraState	28/05/2015	17.15	29/05/2015	06.31	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/05/2015	18.02	29/05/2015	06.32	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	28/05/2015	18.08	29/05/2015	06.32	HT	Over Voltage
Koradi-Bhusawal	IntraState	29/05/2015	09.33	29/05/2015	13.54	PO	R.M.Work.
Akola II - Akola I Ckt-II	IntraState	29/05/2015	15.05	29/05/2015	19.26	PO	Maintenance & Diagnostic Testing.
Akola II - RPL(Rattaniindia) Ckt-II	IntraState	29/05/2015	16.08	29/05/2015	17.12	T	Distance Protection
karad -kolhapur-I	IntraState	29/05/2015	17.09		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/05/2015	18.05	30/05/2015	06.01	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/05/2015	18.10		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	29/05/2015	21.47		Continued.	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	29/05/2015	22.02	29/05/2015	23.16	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 Kv 315 Mva Ict -2 @New Koyna	IntraState	29/05/2015	09.07	29/05/2015	18.47	PO	R.M.Work.
400 KV 315MVA ICT-II @ Boisar(PG)	IntraState	29/05/2015	10:34		Continued.	PO	Oil Filtration Work(3 Days)
220 KV LINE Outages/Trippings							
Nasik Navsari II	InterState	28/05/2015	09.12	29/05/2015	15.45	PO	Maintenance Work.
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
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.
Bhugaon-Pusad	IntraState	29/05/2015	00.36	29/05/2015	01.04	T	Distance Protection
Jamde-Dondaicha 2	IntraState	29/05/2015	07.40	29/05/2015	08.17	PO	Hot Spot on R Ph CT @ Line Side Jumper.
Raymond - Washala	IntraState	29/05/2015	08.44	29/05/2015	18.43	PO	R.M.Work.
Uran - Kharghar I	IntraState	29/05/2015	10.13	29/05/2015	16.48	PO	R.M.Work.
Chitegaon-Shendra Ckt-II	IntraState	29/05/2015	10.30	29/05/2015	15.14	PO	Half Yearly Maintenance Work.

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 29/May/2015

Statement-VII

Position as on 6.30 Hrs of 30/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bableshtar- Alephata	IntraState	29/05/2015	10.59	29/05/2015	17.57	PO	R.M.Work.
Temghar - Kalwa	IntraState	29/05/2015	12.18		Continued.	PO	Taken on TBC,Hot Spot on Y Ph Bus Isolator.(upto Two Days)
Karad(400kv) - Ogalewadi Ckt 1	IntraState	29/05/2015	13.50	29/05/2015	20.44	PO	R.M.Work.
Chalishaon -Babhaleshtar	IntraState	29/05/2015	14.35	29/05/2015	20.16	PO	To Change the Ph Sequence of 220KV D/C Line for New 200kv Kopergaon S/S.
Kalwa - Airoli Knowledge Park	IntraState	29/05/2015	15.01	29/05/2015	18.03	PO	Testing Work.
Lamboti-Vita	IntraState	29/05/2015	18.48	29/05/2015	19.09	T	Distance Protection
Taloja li - Ocil 2	IntraState	30/05/2015	04.51		Continued.	T	Pilat Protection Operated.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 Kv 200 Mva Vijai Ict 2 @Boisar-li	IntraState	29/05/2015	08.50	29/05/2015	12.15	PO	Prmansoon Maintenance Work.
220/100 Kv 125 Mva Hel Ict 2 @Jambhul	IntraState	29/05/2015	10.00	29/05/2015	14.30	PO	R.M.Work.
100MVA ICT - II @ Boisar-II	IntraState	29/05/2015	13:20	29/05/2015	15:04	PO	Premonsoon work
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-li	IntraState	29/05/2015	15.12	29/05/2015	17.57	PO	Premansoon Maintenance Work.
220/132-110 Kv 200 Mva Ptr 3 @Ichalkaranji-li	IntraState	29/05/2015	16.00	29/05/2015	16.15	PO	Testing Work.
100MVA ICT - I @ Boisar-II	IntraState	29/05/2015	17:16	29/05/2015	18:50	PO	Premonsoon Work
132 KV LINE Outages/Trippings							
Paras-Warwat Bakal	IntraState	24/05/2015	16.03		Continued.	HT	To Control 132kv Paras-For Akola ICT-II Loading.
Kurunda - Akhada Balapur	IntraState	29/05/2015	16.40	29/05/2015	16.52	T	Distance Protection

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