

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/May/2015 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.513	2166.641	1) Gujrat	1.488	-47.388
2) Hydro	12.266	355.807	2) Madhya Pradesh	10.165	230.458
3) Gas	6.666	117.478	3) Chattisgarh	6.110	112.560
Total MSPGCL	150.445	2639.926	4) Maharashtra Net	98.546	1792.201
B) 1) APML	57.850	979.980	5) Goa	-7.185	-129.849
2) JSWEL	16.456	391.779	6) TAPS 1&2 Injection	3.294	59.539
3) VIPL	10.838	201.319	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.020	98.070	8) Pench (MS)	0.109	1.559
5) WPCL	7.509	148.783	9) Pench (Excess)	-0.109	-1.338
6) Other IPP	5.749	100.750	Total	112.309	2016.183
C) 1) TPCL Thermal	16.684	298.822	a) Mumbai Schedule	28.072	464.626
2) TPCL Hydro	4.604	62.983	b) Mumbai Drawl	30.665	508.257
3) TPCL Gas	3.009	55.216	c) MSEDCL Bilateral *	31.632	561.388
4) R-INFRA Thermal	12.016	215.304	Include PX	0.063	4.071
D) STATE			d) Mumbai Bilateral *	28.072	464.576
1) Thermal	263.635	4601.448	Include PX	2.746	36.951
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.050
2) Hydro (A2+C2)	16.870	418.790	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	9.675	172.694	1) MSEDCL	358.912	6309.720
4) Wind	21.968	218.722	2) Mumbai Discoms	66.975	1140.576
6) SOLAR	1.433	21.127	TOTAL STATE	425.887	7450.296
TOTAL STATE	313.581	5432.781			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5798	5853	5264	5311
MSPGCL Hydro	948	892	381	90
MSPGCL Gas	276	274	281	281
MSPGCL Total Generation	7022	7019	5926	5682
Central Sector Receipt	5310	5483	4704	3636
WIND	587	718	1116	1064
CPP / IPP	4466	4406	4293	4185
SOLAR	202	156	0	0
Exchange with Mumbai	-1534	-1544	-1328	-825
MSEDCL DEMAND MET	16053	16238	14711	13742
Load Shedding	52	45	48	49
MSEDCL DEMAND	16105	16283	14759	13791
TPCL GENERATION	1282	1277	1008	807
R-INFRA GENERATION	505	514	518	497
MUMBAI DEMAND	3321	3335	2854	2129
STATE DEMAND MET	19374	19573	17565	15871
STATE DEMAND	19426	19618	17613	15920
Frequency (Hz)	49.99	49.94	49.98	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.27 Hz at 18.02 Hrs	49.71 Hz at 13.42 Hrs	49.97	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 18/May/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.53	57.83	155	135
Unit 6	0.00	0.00	0	0
Unit 7	3.90	67.22	175	149
Total	7.43	125.05		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.33	185.60	500	375
Unit 5	10.28	179.13	500	360
Total	20.62	364.72		
Parli				
Unit 3	3.47	22.03	160	126
Unit 4	0.00	0.00	0	0
Unit 5	3.48	54.59	152	135
Unit 6	4.88	94.61	247	96
Unit 7	5.04	94.13	234	184
Total	16.87	265.36		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.33	46.83	145	134
Unit 3	0.00	70.02	0	0
Unit 4	4.24	61.36	195	166
Unit 5	9.52	80.96	425	370
Unit 6	9.20	137.85	420	361
Unit 7	8.73	168.32	396	301
Total	35.01	565.33		
Paras				
Unit 3	5.60	94.95	250	136
Unit 4	5.60	95.84	261	195
Total	11.21	190.79		
Khaparkheda				
Unit 1	4.16	73.80	190	155
Unit 2	3.62	65.10	180	120
Unit 3	4.60	60.79	205	180
Unit 4	4.15	74.79	177	168
Unit 5	10.23	157.44	472	391
Total	26.76	431.91		
Nasik				
Unit 3	4.67	83.15	205	185
Unit 4	4.47	75.76	196	179
Unit 5	4.47	64.57	195	179
Total	13.61	223.47		
Uran				
All Units	6.67	117.48	281	272
Total	6.67	117.48		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.11	1.56	47	0
Total	0.11	1.56		
Koyna				
Stage 1-2	4.36	96.36	500	40
Stage 4	3.16	136.72	500	0
Stage 3	1.51	51.07	196	0
Total	9.03	284.15		
Hydro				
KDPH	0.39	8.51	17	16
VTRNA	0.85	16.13	61	0
TILLARI	0.00	6.21	0	0
BHTGR/VEER	0.06	1.11	3	2
BHIRA T.R.	0.09	3.20	40	0
RNGR+BHTSA	0.25	3.84	11	10
BHANDARDRA	0.22	4.31	34	0
ELDARY	0.00	2.50	0	0
SMLHY_PTN	0.59	12.71	31	21
GHATGHAR	0.79	13.14	240	0
Total	3.24	71.66		
Wind				
Total	21.97	218.72	0	0
Total	21.97	218.72		
CPP				
APML(Mus)	57.85	979.98	0	0
JSWEL(Mus)	16.46	391.78	0	0
VIPL(Mus)	10.84	201.32	0	0
RPLAMT(Mus)	5.02	98.07	0	0
WPCL(Mus)	7.51	148.78	0	0
Other(Mus)	5.75	100.75	0	0
Total	103.42	1920.68		
SOLAR				
Total	1.43	21.13	0	0
Total	1.43	21.13		
Tata				
Trombay 5	10.85	192.84	493	318
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.74	32.95	75	69
Trombay 7B	1.27	22.26	54	52
Trombay 8	5.83	105.98	251	201
TATA Hydro	4.60	62.98	471	0
Total	24.30	417.02		
R-INFRA				
1-2	12.02	215.30	519	381
Total	12.02	215.30		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	131.51	2166.64
MSPGCL Thml+Gas	138.18	2284.12

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	12.27	355.81
MSPGCL Total	150.44	2639.93

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	7.52	233.08
State Total	313.58	5432.78

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 18/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	5245	782	278	6305	1132	4122	0	4437	4320	-1263	14616	70	14686	2642	17328	49.98
2	5228	247	278	5753	1083	4177	0	4464	4876	-1107	14782	49	14831	2452	17283	49.96
3	5221	173	278	5672	1007	4157	0	4450	4545	-958	14423	49	14472	2306	16778	50.02
4	5298	90	280	5668	1066	4163	0	4363	4276	-846	14327	49	14376	2197	16573	50.04
5	5311	90	281	5682	1064	4185	0	4328	3636	-825	13742	49	13791	2129	15920	50.01
6	5320	185	280	5785	1211	4095	0	4464	4469	-1079	14481	52	14533	2118	16651	50.01
7	5480	257	278	6015	950	4230	7	4516	4694	-1052	14844	52	14896	2074	16970	50.00
8	5685	138	280	6103	739	4379	50	4584	4524	-1060	14735	52	14787	2188	16975	49.99
9	5691	162	279	6132	697	4448	93	4710	4604	-1174	14800	52	14852	2552	17404	49.96
10	5675	685	279	6639	556	4451	128	4924	5409	-1292	15891	52	15943	2861	18804	49.92
11	5775	976	276	7027	496	4482	178	4985	5220	-1412	15991	52	16043	3188	19231	49.92
12	5798	948	276	7022	587	4466	202	5192	5310	-1534	16053	52	16105	3321	19426	49.99
13	5811	816	276	6903	527	4446	184	5325	5299	-1476	15883	52	15935	3326	19261	49.98
14	5826	611	276	6713	651	4444	186	5274	5126	-1428	15692	48	15740	3252	18992	49.90
15	5853	892	274	7019	718	4406	156	5265	5483	-1544	16238	45	16283	3335	19618	49.94
16	5837	1090	272	7199	768	4537	123	5154	5033	-1532	16128	45	16173	3350	19523	49.93
17	5807	933	273	7013	908	4442	92	4885	4982	-1500	15937	45	15982	3330	19312	49.96
18	5407	636	274	6317	893	4260	32	4082	4040	-1534	14008	45	14053	3201	17254	50.03
19	5272	453	274	5999	1325	4199	2	3517	3358	-1367	13516	45	13561	2955	16516	50.02
20	5283	386	281	5950	1189	4314	0	4371	4235	-1354	14334	48	14382	2932	17314	49.92
21	5264	381	281	5926	1116	4293	0	4711	4704	-1328	14711	48	14759	2854	17613	49.98
22	5254	219	281	5754	1100	4257	0	4765	4633	-1306	14438	48	14486	2789	17275	49.94
23	5124	520	281	5925	1133	4252	0	4723	4813	-1316	14807	48	14855	2796	17651	49.90
24	5048	596	280	5924	1052	4217	0	4711	4717	-1378	14532	48	14580	2830	17410	49.92
MUs	131.51	12.27	6.67	150.44	21.97	103.42	1.43	112.20	112.31	-30.66	358.91	1.19	360.10	66.98	427.08	49.97

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 18/May/2015

Position as on 6.30 Hrs of 19/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	26/06/2015
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.	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		Continued.	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	
CENT.SECTOR	TARAPUR-3	540	15/05/2015	09.00	18/05/2015	01.43	Reactor Channel Problem.	
MSPGCL	Chandrapur Unit 3	210	16/05/2015	15.40	19/05/2015	04:43	Bottam hash hopper work	
IPP	WPCL U-3	135	18/05/2015	03:07		Continued.	Withdrawn	
MSPGCL	Koyna Unit 6	75	18/05/2015	11:25		Continued.	Injector Replacement.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 18/May/2015

Statement-VII

Position as on 6.30 Hrs of 19/May/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	17/05/2015	16.09	18/05/2015	09:16	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	17/05/2015	17.17	18/05/2015	14:12	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	18/05/2015	17:55		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	07/04/2015	00.27		Continued.	T	"R" Phase Metering PT Burst.
karad -kolhapur-I	IntraState	17/05/2015	16.45	18/05/2015	07:00	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	17/05/2015	17.53	18/05/2015	07:55	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	17/05/2015	21:23		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	18/05/2015	14:12	18/05/2015	14:32	T	Tripped at Aurangabad end only.
karad -kolhapur-II	IntraState	18/05/2015	17:04		Continued.	HT	To Control Voltage.
Bhusawal-Aurangabad	IntraState	18/05/2015	18:08		Continued.	HT	To Control Voltage.
400 KV ICT Outages/Trippings							
400/220kv 315MVA ICT-II @Talegaon(PG)	InterState	18/05/2015	09:52	18/05/2015	15:02	PO	Premansoon Maintence Work.
400/220kv 315MVA ICT-I @Talegaon(PG)	InterState	18/05/2015	15:08	18/05/2015	18:42	PO	Premansoon Maintention Work.
400/220 KV 315 MVA ICT- I @Koradi	IntraState	18/05/2015	11:47		Continued.	PO	Dismantling and Errection of Duct with LA.
220 KV LINE Outages/Trippings							
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.
Eklahara-(Ocr)-Navasari I	IntraState	05/05/2015	23.09		Continued.	HT	To control Load on Bus section at Nasik GCR
Kharghar - Nerul	IntraState	17/05/2015	04.47	18/05/2015	04.35	PO	Erection of W/T and CC.
Padgha-Temghar-II	IntraState	17/05/2015	06.36	18/05/2015	00.18	HT	A Bus Outage at Padgha End.
Padgha - Temghar I	IntraState	17/05/2015	06.36	18/05/2015	00.16	HT	A Bus Outage at Padgha End.
Padghe - Kamba	IntraState	17/05/2015	23.55	18/05/2015	01.55	T	Load Triming Operated.
Halkarni - Tillari II	IntraState	18/05/2015	00.26	18/05/2015	04.38	T	Removing of Broken Earth Wire.
Mudshingi-Wathar	IntraState	18/05/2015	00.33		Continued.	T	R Phase CT Burst.
Halkarni-Mahalaxmiline	IntraState	18/05/2015	00.39	18/05/2015	04.42	T	Removing of Broken Earth Wire.
Mudshingi-Wathar	IntraState	18/05/2015	00:33	18/05/2015	12:48	T	Bus Bar Protection Operated and R Ph CT Burst.
Parvati - Hybrid Pass	IntraState	18/05/2015	08:42		Continued.	HT	To Control Chinchwad-Urse L/L.
Akola-Paras Ckt No-Ii	IntraState	18/05/2015	10:07	18/05/2015	16:34	T	C TAN Delta Testing of CT and Bay Routine Maint. Work.
Kharepatan -Pawas Line	IntraState	18/05/2015	11:20	18/05/2015	13:04	PO	Hot Washing of Bay.
Talandage - Sawantwadi I	IntraState	18/05/2015	12:19	18/05/2015	12:34	T	Distance Protection Operated, Y-Ph.
Niwali - Pawas Line	IntraState	18/05/2015	16:01	18/05/2015	17:41	PO	Annual Maintenance Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Internal Fault
220/132 kv 150MVA ICT-II @ Satara	IntraState	13/05/2015	16:30		Continued.	T	Differential protection
220/132kv 100 Mva Imp Ict 1 @Limbal Midc Hingoli	IntraState	18/05/2015	11:27	18/05/2015	17:15	PO	SFRA and Routine Maintenance Work.
220/132 KV 200MVA ICT I @ Kanhan	IntraState	18/05/2015	14:17	18/05/2015	17:44	EO	Due to Abnormal R-Ph current in R-Ph HV CT.

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 18/May/2015

Statement-VII

Position as on 6.30 Hrs of 19/May/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
132 KV LINE Outages/Trippings							
Waghala - Kandhar	IntraState	18/05/2015	12:50	18/05/2015	14:10	PO	Ten Delta MEAS of CT.
Gangakhed - Kandhar	IntraState	18/05/2015	14:43	18/05/2015	15:30	PO	TAN Delta MEAS of CT.
Parbhani li - Partur	IntraState	18/05/2015	17:57	18/05/2015	20:06	PO	For by Pass of NT Switch.