

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 12/May/2016 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	125.239	1486.177	1) Gujrat	-2.315	-24.918
2) Hydro	7.073	106.883	2) Madhya Pradesh	14.612	163.158
3) Gas	10.442	126.353	3) Chattisgarh	7.630	81.350
Total MSPGCL	142.754	1719.413	4) Maharashtra Net	104.362	1128.000
B) 1) APML	41.477	521.833	5) Goa (Amona)	-0.374	-5.494
2) JSWEL	28.077	323.378	6) TAPS 1&2 Injection	1.630	13.328
3) VIPL	11.518	147.441	7) RGPPL Injection	11.704	137.938
4) RPL(AMT)	14.044	187.625	8) Pench (MS)	0.000	0.521
5) WPCL	2.846	35.710	9) Pench (Excess)	0.000	-0.521
6) Other IPP	5.105	64.954	Total	137.249	1492.841
C) 1) TPCL Thermal	15.751	177.679	a) Mumbai Schedule	25.221	292.028
2) TPCL Hydro	3.020	32.803	b) Mumbai Drawl	34.184	363.479
3) TPCL Gas	3.841	49.021	c) MSEDCL Bilateral *	33.335	374.852
4) R-INFRA Thermal	9.840	130.052	Include PX	0.000	-3.767
D) STATE			d) Mumbai Bilateral *	25.221	292.028
1) Thermal	253.897	3074.849	Include PX	2.026	27.892
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro	10.093	139.686	H) ENERGY CATERED (MUs)		
3) Gas	14.283	175.374	1) MSEDCL	362.450	4304.077
4) Wind	12.267	158.178	2) Mumbai Discoms	66.636	753.002
6) SOLAR	1.297	16.183	TOTAL STATE	429.086	5057.079
TOTAL STATE	291.837	3564.270			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5341	5664	5450	4828
MSPGCL Hydro	405	442	444	79
MSPGCL Gas	440	406	455	444
MSPGCL Total Generation	6186	6512	6349	5351
Central Sector Receipt	6055	5823	5890	5432
WIND	323	509	492	760
CPP / IPP	4347	4497	4461	4207
SOLAR	191	107	0	0
Exchange with Mumbai	-1548	-1661	-1528	-1035
MSEDCL DEMAND MET	15554	15787	15664	14715
Load Shedding	0	0	0	0
MSEDCL DEMAND	15554	15787	15664	14715
TPCL GENERATION	1294	1238	946	670
R-INFRA GENERATION	402	401	402	404
MUMBAI DEMAND	3244	3300	2876	2109
STATE DEMAND MET	18798	19087	18540	16824
STATE DEMAND	18798	19087	18540	16824
Frequency (Hz)	49.95	49.95	49.98	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06:00 Hrs	49.76 Hz at 14:52 Hrs	49.96	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 12/May/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	8.65	101.23	365	360
Total	8.65	101.23		
Bhusawal				
Unit 2	1.94	22.28	145	0
Unit 3	4.04	47.13	180	162
Unit 4	9.50	118.52	500	350
Unit 5	9.49	119.03	500	350
Total	24.96	306.96		
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	0.00	0.00	0	0
Unit 3	4.39	52.65	199	165
Unit 4	4.25	51.29	197	160
Unit 5	8.58	111.83	420	0
Unit 6	9.96	122.78	461	365
Unit 7	9.66	93.49	440	360
Total	36.84	432.04		
Paras				
Unit 3	5.38	65.81	250	190
Unit 4	5.32	62.42	256	193
Total	10.70	128.24		
Khaparkheda				
Unit 1	3.64	46.26	165	135
Unit 2	4.00	47.80	175	160
Unit 3	4.26	46.31	202	160
Unit 4	0.00	41.19	0	0
Unit 5	11.06	100.48	505	380
Total	22.96	282.03		
Nasik				
Unit 3	4.18	49.54	205	165
Unit 4	4.15	48.62	194	158
Unit 5	4.16	49.75	195	163
Total	12.48	147.90		
Uran				
All Units	10.44	126.35	455	406
Total	10.44	126.35		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	0.52	0	0
Total	0.00	0.52		
Koyna				
Stage 1-2	2.42	38.60	375	40
Stage 4	0.33	24.38	207	0
Stage 3	1.19	14.24	160	0
Total	3.93	77.22		
Hydro				
KDPH	0.53	6.89	22	22
VTRNA	0.00	0.29	0	0
TILLARI	0.29	3.83	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.14	1.81	80	0
RNGR+BHTSA	0.05	1.77	3	2
BHANDARDRA	0.04	1.53	2	1
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.17	2.36	8	7
GHATGHAR	1.92	11.19	250	0
Total	3.14	29.67		
Wind				
Total	12.27	158.18	0	0
Total	12.27	158.18		
CPP				
APML(Mus)	41.48	521.83	0	0
JSWEL(Mus)	28.08	323.38	0	0
VIPL(Mus)	11.52	147.44	0	0
RPLAMT(Mus)	14.04	187.62	0	0
WPCL(Mus)	2.85	35.71	0	0
Other(Mus)	5.10	64.95	0	0
Total	103.07	1280.94		
SOLAR				
Total	1.30	16.18	0	0
Total	1.30	16.18		
Tata				
Trombay 5	10.19	109.00	495	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.40	31.34	115	82
Trombay 7B	1.44	17.68	65	55
Trombay 8	5.56	68.68	251	201
TATA Hydro	3.02	32.80	377	0
Total	22.61	259.50		
R-INFRA				
1-2	9.84	130.05	514	401
Total	9.84	130.05		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
Chandrapur 8	0.00	0.00	MSPGCL Thermal	125.24	1486.18	MSPGCL Total	142.75	1719.41
Chandrapur 9	0.00	1.92	MSPGCL Thml+Gas	135.68	1612.53	Koyna 1,2 & 4 Total	2.74	62.97
Koradi 9	8.64	85.86	MSPGCL Hydro	7.07	106.88	State Total	291.84	3564.27
Parli 8	0.00	0.00						

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 12/May/2016

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	5192	399	450	6041	614	4257	0	5532	5681	-1419	15174	0	15174	2625	17799	49.96
2	5228	156	431	5815	640	4291	0	5398	5455	-1376	14825	0	14825	2448	17273	49.99
3	5170	74	442	5686	572	4279	0	5249	5358	-1208	14687	0	14687	2280	16967	49.98
4	4854	79	433	5366	696	4277	0	5218	5581	-1093	14827	0	14827	2167	16994	49.97
5	4828	79	444	5351	760	4207	0	5192	5432	-1035	14715	0	14715	2109	16824	49.97
6	4840	78	447	5365	734	4061	0	5314	5608	-1050	14718	0	14718	2125	16843	49.97
7	4826	88	447	5361	566	4220	5	5356	5744	-1035	14861	0	14861	2109	16970	50.01
8	4931	73	450	5454	464	4340	38	5364	5549	-1164	14681	0	14681	2238	16919	49.99
9	5527	128	443	6098	428	4419	88	5569	5549	-1459	15123	0	15123	2533	17656	49.99
10	5672	192	426	6290	396	4514	131	5822	5899	-1542	15688	0	15688	2839	18527	49.95
11	5583	448	428	6459	407	4457	151	5930	5561	-1632	15403	0	15403	3205	18608	49.97
12	5341	405	440	6186	323	4347	191	5977	6055	-1548	15554	0	15554	3244	18798	49.95
13	5113	493	420	6026	286	4308	183	5838	6255	-1595	15463	0	15463	3286	18749	49.92
14	5082	456	431	5969	239	4329	169	5837	6110	-1552	15264	0	15264	3208	18472	49.94
15	5458	718	423	6599	245	4395	129	5835	5742	-1610	15500	0	15500	3283	18783	49.88
16	5664	442	406	6512	509	4497	107	6015	5823	-1661	15787	0	15787	3300	19087	49.95
17	5104	112	423	5639	548	4121	84	5896	5963	-1678	14677	0	14677	3274	17951	49.99
18	4890	187	429	5506	613	3796	16	5391	5650	-1698	13883	0	13883	3124	17007	49.99
19	4938	520	435	5893	590	3866	5	4721	5133	-1584	13903	0	13903	2974	16877	49.96
20	5397	693	428	6518	504	4292	0	5571	5600	-1415	15499	0	15499	2942	18441	49.97
21	5450	444	455	6349	492	4461	0	5814	5890	-1528	15664	0	15664	2876	18540	49.98
22	5336	333	431	6100	529	4438	0	5768	5802	-1455	15414	0	15414	2808	18222	49.97
23	5458	243	439	6140	538	4455	0	5831	5802	-1428	15507	0	15507	2809	18316	49.91
24	5357	233	441	6031	574	4440	0	5733	6007	-1419	15633	0	15633	2830	18463	49.98
MUs	125.24	7.07	10.44	142.75	12.27	103.07	1.30	134.17	137.25	-34.18	362.45	0.00	362.45	66.64	429.09	49.96

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 12/May/2016

Position as on 6.30 Hrs of 13/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		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	
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	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
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	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
MSPGCL	Koradi Unit 7	210	01/03/2016	23.55		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Koyna Unit 11	80	11/03/2016	13.53		Continued.	stator earth fault	
IPP	Adani U-3	660	20/04/2016	03.33		Continued.	Furnace Pressure High	
IPP	RPL(AMT) U-1	270	20/04/2016	17.14		Continued.	Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	20/04/2016	20.50		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Uran Unit 8	108	02/05/2016	14.47		Continued.	Gas shortage	
CPP	WPCL U-4	135	03/05/2016	00.00		Continued.	ESP Back Filter DP High	
IPP	Adani U-5	660	05/05/2016	23.09		Continued.	Due to Unavailblity of Water.	
MSPGCL	Bhusawal Unit 2	210	07/05/2016	11.25	12/05/2016	07.12	Control Valve Problem.	
RGPL	Dabhol 3X	290	07/05/2016	18.40		Continued.	Low Vaccum	
RGPL	Dabhol 3A	230	07/05/2016	18.44		Continued.	Low Vaccum	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 12/May/2016

Position as on 6.30 Hrs of 13/May/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkhedda Unit 4	210	11/05/2016	03.00	13/05/2016	04.12	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 5	500	12/05/2016	22.42		Continued.	Air heater problem	
IPP	RPL(AMT) U-2	270	13/05/2016	00.00		Continued.	Zero Schedule Given By MSEDCL.	
IPP	RPL(AMT) U-4	270	13/05/2016	00.32		Continued.	Zero Schedule Given By MSEDCL.	
IPP	RPL(AMT) U-5	270	13/05/2016	01.48		Continued.	Zero Schedule Given By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 12/May/2016

Statement-VII

Position as on 6.30 Hrs of 13/May/2016

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							
Dhule Sar'Sarovar II	InterState	11/05/2016	09.06	12/05/2016	08.50	PO	Cut Point Tightening @ Various Location (RFC @ 16.30 Hrs).
Lamboti - Solapur (PG)	InterState	12/05/2016	14.58	12/05/2016	15.28	HT	Line Isolator opened due to storm.
Dhule Sar'Sarovar I	InterState	12/05/2016	17.41		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-I	IntraState	24/04/2016	18.11		Continued.	HT	Hand Tripped
Akola II - Taptitanda ckt-I	IntraState	27/04/2016	11.41		Continued.	PO	Dismantling of Conductor Reorientation.
Babhaleshwar-Taptitanda ckt-II	IntraState	07/05/2016	13.09		Continued.	PO	Conductor Stringing Work(5 Days).
karad -kolhapur-II	IntraState	11/05/2016	16.04	12/05/2016	07.20	HT	Over Voltage
Karad-Jaigad - I	IntraState	11/05/2016	16.32	12/05/2016	07.22	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	11/05/2016	16.40	12/05/2016	09.56	HT	Over Voltage
Akola-Nandgaonpeth (RPL)	IntraState	12/05/2016	08.27	12/05/2016	20.08	PO	Fixing of Spacer Cum vibration Damper.
Girwali- Lonikand 2	IntraState	12/05/2016	10.19	12/05/2016	19.17	T	Over Voltage
Lonikand2-Lonikand1 (Intrconector)	IntraState	12/05/2016	14.49	12/05/2016	18.43	PO	Routine Maintenance Work
Deepnagar - Aurangabad	IntraState	12/05/2016	15.09	12/05/2016	19.40	T	Distance Protection
karad -kolhapur-I	IntraState	12/05/2016	17.00		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	12/05/2016	17.02		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- I @Warora	IntraState	06/05/2016	14.37		Continued.	PO	To Dismantle & Transport To Babhaleshwar.
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	11/05/2016	16.25	12/05/2016	12.46	T	Distance Protection
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.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Babhaleshwar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	To Control BBLSR ICT O/L
Babhaleshwar- Alephata	IntraState	19/03/2016	19.44		Continued.	HT	To control BBLSR ICT Loading
Eklahara(Gcr)(Nasik)- Babhaleshwar-I	IntraState	12/05/2016	09.41	12/05/2016	13.57	HT	Due to R-Ph Wavetrap Fallen Down.
Theur-Phursungi	IntraState	12/05/2016	10.07	12/05/2016	16.47	PO	Half yearly maintenance work
Bhigwan- Kurkumbh	IntraState	12/05/2016	10.45	12/05/2016	19.48	PO	Line Maintenance work
Flagship-Chinchwad	IntraState	12/05/2016	10.46	12/05/2016	15.43	PO	Line Maintenance work
Karad(400kv) -Nigade	IntraState	12/05/2016	15.40	12/05/2016	16.08	T	Distance Protection
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/22kv 40 Mva Cgl Ptr 1 @Sicom	IntraState	11/05/2016	14.00		Continued.	PO	Cable Replacement & CT,PT Replacement Work.
220/100 Kv 200 Mva ICT III @Kalwa	IntraState	12/05/2016	08.30		Continued.	PO	For Attending Oil Leakage Through OLTC.
220/132kv 150MVA ICT-II @ Bhenda	IntraState	12/05/2016	09.40	12/05/2016	12.30	PO	Tan Delta & Testing Work.

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