

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/May/2018 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.567	2343.193	1) Gujrat	-2.234	-60.616
2) Hydro	23.003	469.766	2) Madhya Pradesh	16.258	268.636
3) Gas	7.051	120.560	3) Chattisgarh	6.580	116.850
Total MSPGCL	179.621	2933.519	4) Maharashtra Net	139.450	2098.726
B) 1) APML	50.222	659.148	5) Goa (Amona)	-0.176	-6.732
2) JSWEL	27.244	444.145	Total	159.878	2416.864
3) VIPL	5.057	81.095	a) Mumbai Schedule	31.273	464.328
4) RPL(AMT)	13.239	247.119	b) Mumbai Drawl	34.145	488.747
5) WPCL	4.406	66.807	c) MSEDCL Bilateral *	53.492	693.925
6) PGPL	0.000	0.000	Include PX	17.403	138.949
7) Other IPP	9.345	159.455	d) Mumbai Bilateral *	31.273	464.248
C) 1) TPCL Thermal	16.375	266.097	Include PX	14.655	189.396
2) TPCL Hydro	5.319	79.953	Include Standby	0.000	0.080
3) TPCL Gas	2.443	43.733	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.938	187.375	1) MSEDCL	436.417	6924.206
D) STATE			2) Mumbai Discoms	70.222	1065.891
1) Thermal	287.393	4454.434	TOTAL STATE	506.639	7990.097
(A1+C1+C4+(B1-B6))					
2) Hydro	28.322	549.719			
(A2+C2)					
3) Gas	9.494	164.293			
(A3+B6+C3)					
4) Wind	15.847	305.525			
6) SOLAR	5.703	99.276			
TOTAL STATE	346.759	5573.247			

* 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	6375	6313	5900	6259
MSPGCL Hydro	437	667	1382	1641
MSPGCL Gas	284	282	301	305
MSPGCL Total Generation	7096	7262	7583	8205
Central Sector Receipt	7732	7865	5960	5518
WIND	671	655	660	523
CPP / IPP Thermal	4728	4961	4639	4302
CPP / IPP Gas	0	0	0	0
SOLAR	785	462	0	0
Exchange with Mumbai	-1764	-1697	-1322	-990
MSEDCL DEMAND MET	19248	19508	17520	17558
Load Shedding	0	0	0	0
MSEDCL DEMAND	19248	19508	17520	17558
TPCL GENERATION	1058	1248	1204	790
R-INFRA GENERATION	492	493	497	499
MUMBAI DEMAND	3314	3438	3023	2279
STATE DEMAND MET	22562	22946	20543	19837
STATE DEMAND	22562	22946	20543	19837
Frequency (Hz)	49.96	49.81	49.89	49.90

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.01 Hrs	49.67 Hz at 14.16 Hrs	49.92	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 16/May/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	9.24	136.41	451	300
Unit 9	10.40	141.70	480	350
Unit 10	8.80	134.64	401	300
Total	28.44	412.74		
Bhusawal				
Unit 3	2.98	68.64	195	0
Unit 4	10.66	167.98	470	410
Unit 5	7.93	165.66	435	0
Total	21.57	402.28		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.76	81.84	244	235
Unit 7	4.99	81.72	230	173
Unit 8	5.46	73.72	240	216
Total	16.21	237.27		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	9.28	155.69	470	370
Unit 6	0.00	0.00	0	0
Unit 7	9.59	110.06	445	380
Unit 8	8.83	151.25	400	335
Unit 9	8.80	150.93	400	346
Total	36.50	567.93		
Paras				
Unit 3	5.84	90.08	250	220
Unit 4	5.96	86.71	250	245
Total	11.80	176.78		
Khaparkheda				
Unit 1	3.61	58.40	160	135
Unit 2	3.97	61.80	185	160
Unit 3	3.92	62.72	172	159
Unit 4	3.96	62.19	180	160
Unit 5	11.51	164.80	500	440
Total	26.97	409.90		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.04	68.70	191	151
Unit 5	4.04	67.57	190	152
Total	8.08	136.27		
Uran				
All Units	7.05	120.56	306	281
Total	7.05	120.56		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		
PENCH (MS)				
Pench (MS)	0.11	0.75	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.11	0.75		
Koyna				
Stage 1-2	5.66	114.45	555	40
Stage 4	11.40	235.98	1000	0
Stage 3	3.58	75.98	240	0
Total	20.64	426.41		
Hydro				
KDPH	0.72	12.33	30	30
VTRNA	0.00	0.00	0	0
TILLARI	0.00	2.63	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	4.37	80	0
RNGR+BHTSA	0.27	4.40	12	11
BHANDARDRA	0.49	7.79	45	11
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.31	6.53	14	13
GHATGHAR	0.24	5.31	125	0
Total	2.36	43.36		
Wind				
Total	15.85	305.52	0	0
Total	15.85	305.52		
CPP				
APML(Mus)	50.22	659.15	0	0
JSWEL(Mus)	27.24	444.14	0	0
VIPL(Mus)	5.06	81.10	0	0
RPLAMT(Mus)	13.24	247.12	0	0
WPCL(Mus)	4.41	66.81	0	0
Other(Mus)	9.34	159.46	0	0
Total	109.51	1657.77		
SOLAR				
Total	5.70	99.28	0	0
Total	5.70	99.28		
Tata				
Trombay 5	10.77	176.37	468	416
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.36	25.09	61	55
Trombay 7B	1.08	18.64	48	44
Trombay 8	5.61	89.73	243	222
TATA Hydro	5.32	79.95	459	6
Total	24.14	389.78		
R-INFRA				
DTPS U-1&2	11.94	187.38	500	492
Total	11.94	187.38		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.57	2343.19	MSPGCL Total	179.62	2933.52
			MSPGCL Thml+Gas	156.62	2463.75	Koyna 1,2 & 4 Total	17.06	350.43
			MSPGCL Hydro	23.00	469.77	State Total	346.76	5573.25

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/May/2018

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			THM	GAS										
1	6351	1803	292	8446	498	4626	0	0	5634	5796	-1475	17891	0	17891	2851	20742	49.92
2	6376	1763	303	8442	524	4767	0	0	5497	5604	-1272	18065	0	18065	2638	20703	49.95
3	6326	1667	305	8298	557	4447	0	0	5404	5640	-1173	17769	0	17769	2478	20247	50.00
4	6283	1651	294	8228	603	4281	0	0	5424	5569	-1066	17615	0	17615	2361	19976	50.03
5	6259	1641	305	8205	523	4302	0	0	5565	5518	-990	17558	0	17558	2279	19837	49.90
6	6303	1288	306	7897	496	4297	0	0	6350	6474	-996	18168	0	18168	2282	20450	49.89
7	6368	1118	306	7792	523	4310	0	51	6956	6993	-967	18702	0	18702	2259	20961	49.96
8	6404	738	305	7447	389	4347	0	190	6971	7056	-1053	18376	0	18376	2372	20748	50.00
9	6333	507	292	7132	458	4301	0	402	7123	6935	-1355	17873	0	17873	2671	20544	49.94
10	6351	507	299	7157	597	4304	0	578	7294	7160	-1475	18321	0	18321	2951	21272	49.93
11	6361	357	285	7003	626	4424	0	729	7723	7338	-1618	18502	0	18502	3167	21669	49.89
12	6375	437	284	7096	671	4728	0	785	8286	7732	-1764	19248	0	19248	3314	22562	49.96
13	6358	485	293	7136	620	4660	0	781	8344	8079	-1858	19418	0	19418	3446	22864	49.92
14	6382	395	282	7059	629	4478	0	728	8050	8088	-1818	19164	0	19164	3373	22537	49.95
15	6425	682	281	7388	670	4654	0	586	7907	7894	-1735	19457	0	19457	3461	22918	49.84
16	6313	667	282	7262	655	4961	0	462	7855	7865	-1697	19508	0	19508	3438	22946	49.81
17	6241	609	283	7133	809	5035	0	267	7789	7571	-1724	19091	0	19091	3432	22523	49.88
18	6152	135	296	6583	991	4859	0	124	7305	7058	-1567	18048	0	18048	3279	21327	49.92
19	6200	632	288	7120	806	4585	0	20	6034	5997	-1572	16956	0	16956	3103	20059	49.98
20	6111	1010	288	7409	690	4634	0	0	5874	5915	-1389	17259	0	17259	3098	20357	49.88
21	5900	1382	301	7583	660	4639	0	0	5870	5960	-1322	17520	0	17520	3023	20543	49.89
22	5908	1294	290	7492	910	4463	0	0	5870	5585	-1338	17112	0	17112	2942	20054	49.89
23	5757	1095	301	7153	1039	4608	0	0	5973	5987	-1383	17404	0	17404	2977	20381	49.88
24	5730	1140	290	7160	903	4798	0	0	6052	6067	-1538	17390	0	17390	3025	20415	49.87
MUs	149.57	23.00	7.05	179.62	15.85	109.51	0.00	5.70	161.15	159.88	-34.15	436.42	0.00	436.42	70.22	506.64	49.92

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 16/May/2018

Position as on 6.30 Hrs of 17/May/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
CPP	IEPL Unit 1	270	30/12/2017	23.58		Continued.	No Schedule	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Thrust Bearing Tripped	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58		Continued.	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-4	270	17/04/2018	20.50		Continued.	PA Fan problem (Coal Shortage since 22.04.2018)	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	12/05/2018	19.16		Continued.	Due To Unit 7 Outage.	
MSPGCL	Uran Unit 7	108	12/05/2018	19.30		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	16/05/2018	17.29		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 5	500	16/05/2018	20.00		Continued.	CRH to DCH Steam Line Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/May/2018

Statement-VII

Position as on 6.30 Hrs of 17/May/2018

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							
Koradi III - Akola II- ckt-II	IntraState	16/05/2018	19.37	16/05/2018	21.37	T	Distance Protection
Koradi-III - Akola-II ckt-I	IntraState	16/05/2018	19.37	16/05/2018	22.11	T	Distance Protection
400 KV LINE Outages/Trippings							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line converted as 220 kv Solapur (PG)- Jeur from LOC 403
Dhule Sar'Sarovar I	InterState	15/05/2018	18.06	16/05/2018	06.53	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	16/05/2018	17.40	17/05/2018	06.52	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	15/05/2018	21.12	16/05/2018	06.38	HT	Over Voltage
Koradi-Bhusawal	IntraState	16/05/2018	06.54	16/05/2018	20.02	PO	Replacement of Faulty Disc Insulator
Koradi III(Adani)-Korad II Ckt-I	IntraState	16/05/2018	19.37	17/05/2018	02.49	T	Tripped on Power Swing
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	17/05/2018	06.28		Continued.	PO	pre-monsoon work
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Nagothane-Wadkhal II	IntraState	14/05/2018	11.39		Continued.	PO	insulator replacement work.
Sonkhar - Trombay	IntraState	15/05/2018	23.50		Continued.	PO	REPLACEMENT OF HTLS CONDUCTOR.
Nerul-Trombay	IntraState	16/05/2018	05.48	16/05/2018	07.52	PO	TAP ARRENGMENT FOR ABOVE OUTAGE.
Vankuswade - Kdph	IntraState	16/05/2018	10.30	16/05/2018	18.30	PO	Cold Line Washing work
Satana-Gangapur	IntraState	16/05/2018	10.35	16/05/2018	18.34	PO	Testing Work
Lamboti - Pandharpur li	IntraState	16/05/2018	10.48	16/05/2018	13.34	PO	Line Maintenance work
Pandharpur - Malinagar	IntraState	16/05/2018	10.48	16/05/2018	13.40	PO	Line Maintenance work
Osmanabad - Solapur (Bale)	IntraState	16/05/2018	11.00	16/05/2018	17.36	PO	Mid Span Joint to Conductor
Adlabs - Pedambe	IntraState	16/05/2018	16.00	16/05/2018	19.00	EO	Removal of Broken Earth Wire
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(repairs and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 KV ICT III @ Nasik OCR	IntraState	16/05/2018	08.37	16/05/2018	15.06	PO	LA Replacement work
220/132 Kv 200 Mva Vijai Ict 1 @Babhleshwar	IntraState	16/05/2018	09.30	16/05/2018	18.20	PO	CT Replacement work
220/132 Kv 200mva Kanohar Ict 3 @Bale (Solapur 2)	IntraState	16/05/2018	09.35	16/05/2018	15.18	PO	Quarterly Maintanance Work
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	16/05/2018	10.30	16/05/2018	12.55	PO	CB Maintenance work
220/100 Kv 200 MVA ICT IV @Apta	IntraState	16/05/2018	11.17	16/05/2018	17.09	PO	CRM System Maintenance work
220/132-110kv 100mva Imp Ptr 1 @Wathar	IntraState	16/05/2018	11.26	16/05/2018	17.10	PO	Testing Work
110 KV LINE Outages/Trippings							
Salsette Powai	IntraState	16/05/2018	09.23	16/05/2018	11.26	T	Bus Bar Protection Operated

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 16/May/2018

Statement-VII

Position as on 6.30 Hrs of 17/May/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Salsette Vikhroli	IntraState	16/05/2018	09.23	16/05/2018	11.26	T	Bus Bar Protection Operated