

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/May/2019 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	160.904	4666.869	1) Gujrat	0.426	18.051
2) Hydro	4.701	930.423	2) Madhya Pradesh	10.860	301.325
3) Gas	6.801	198.465	3) Chattisgarh	3.340	114.750
Total MSPGCL	172.406	5795.757	4) Maharashtra	110.678	3498.171
B) 1) APML	76.386	2076.699	5) Goa (Amona)	-0.330	-12.628
2) JSWEL	25.729	721.130	Total	124.974	3919.669
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.562	857.181
4) RPL(AMT)	27.463	253.839	b) Mumbai Drawl	36.505	986.550
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	9.529	400.556
6) Other IPP	7.450	229.254	Include PX	-10.968	-185.099
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.562	857.181
C) 1) TPCL Thermal	14.481	410.907	Include PX	16.466	476.755
2) TPCL Hydro	5.028	131.061	Standby	0.000	0.000
3) TPCL Gas	4.347	129.455	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.601	300.065	1) MSEDCL	438.659	12961.510
D) STATE			2) Mumbai Discoms	70.961	1958.033
1) Thermal	323.014	8658.763	TOTAL STATE	509.620	14919.543
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	9.729	1061.484			
3) Gas (A3+B7+C3)	11.148	327.920			
4) Wind	33.607	740.346			
6) SOLAR	7.149	211.366			
TOTAL STATE	384.647	10999.879			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	6877	6979	6874	6481
MSPGCL Hydro	142	161	247	145
MSPGCL Gas	280	268	286	299
MSPGCL Total Generation	7299	7408	7407	6925
Central Sector Receipt	5988	6018	4192	4842
WIND	1184	899	1723	1629
CPP / IPP Thermal	5525	6004	6001	5509
CPP / IPP Gas	0	0	0	0
SOLAR	945	624	0	0
Exchange with Mumbai	-2007	-1696	-1239	-1312
MSEDCL DEMAND MET	18934	19257	18084	17593
Load Shedding	0	0	0	0
MSEDCL DEMAND	18934	19257	18084	17593
TPCL GENERATION	1009	1324	1198	706
AEML GENERATION	375	497	496	375
MUMBAI DEMAND	3391	3517	2933	2393
STATE DEMAND MET	22325	22774	21017	19986
STATE DEMAND	22325	22774	21017	19986
Frequency (Hz)	50.00	49.94	50.04	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 17.06 Hrs	49.81 Hz at 23.15 Hrs	50.02	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/May/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	4.30	75.46	200	140
Unit 7	0.00	0.00	0	0
Unit 8	8.68	299.46	390	279
Unit 9	10.96	287.46	564	400
Unit 10	10.78	319.30	515	320
Total	34.73	981.68		
Bhusawal				
Unit 3	0.00	3.66	0	0
Unit 4	11.06	271.07	505	355
Unit 5	11.09	320.38	500	350
Total	22.15	595.10		
Parli				
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
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.52	118.35	195	163
Unit 4	4.01	123.80	175	149
Unit 5	9.45	227.69	411	370
Unit 6	10.21	314.33	455	375
Unit 7	9.91	291.06	427	383
Unit 8	11.09	324.91	500	416
Unit 9	11.40	290.55	495	455
Total	60.59	1690.69		
Paras				
Unit 3	6.13	175.95	260	252
Unit 4	5.71	173.26	254	227
Total	11.85	349.20		
Khaparkheda				
Unit 1	3.14	87.34	145	115
Unit 2	2.80	97.88	130	100
Unit 3	3.24	105.82	145	130
Unit 4	3.21	105.87	140	128
Unit 5	10.26	330.40	455	388
Total	22.65	727.30		
Nasik				
Unit 3	4.47	73.95	196	160
Unit 4	0.00	120.45	0	0
Unit 5	4.47	128.49	200	160
Total	8.94	322.89		
Uran				
All Units	6.80	198.46	299	268
Total	6.80	198.46		
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)	0.00	1.20	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	1.20		
Koyna				
Stage 1-2	1.38	185.28	275	35
Stage 4	0.00	498.61	0	0
Stage 3	0.47	151.23	80	0
Total	1.85	835.11		
Hydro				
KDPH	0.46	18.36	19	19
VTRNA	1.16	25.87	61	0
TILLARI	0.00	7.21	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.29	6.79	40	0
RNGR+BHTSA	0.22	7.25	10	9
BHANDARDRA	0.20	2.83	34	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.26	8.70	11	11
GHATGHAR	0.26	18.30	125	0
Total	2.85	95.32		
Wind				
Total	33.61	740.35	0	0
Total	33.61	740.35		
CPP				
APML(Mus)	76.39	2076.70	0	0
JSWEL(Mus)	25.73	721.13	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	27.46	253.84	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.45	229.25	0	0
Total	137.03	3280.92		
SOLAR				
Total	7.15	211.37	0	0
Total	7.15	211.37		
Tata				
Trombay 5	9.43	271.61	485	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	82.54	116	115
Trombay 7B	1.56	46.92	66	65
Trombay 8	5.05	139.30	230	198
TATA Hydro	5.03	131.06	450	0
Total	23.86	671.42		
AEML				
DTPS U-1&2	10.60	300.06	499	375
Total	10.60	300.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	160.90	4666.87	MSPGCL Total	172.41	5795.76
			MSPGCL Thml+Gas	167.70	4865.33	Koyna 1,2 & 4 Total	1.38	683.88
			MSPGCL Hydro	4.70	930.42	State Total	384.65	10999.88

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/May/2019

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			THM	GAS										
1	6745	294	287	7326	1594	5929	0	0	4945	4996	-1435	18410	0	18410	2927	21337	50.00
2	6788	215	287	7290	1523	5955	0	0	4875	4611	-1301	18078	0	18078	2722	20800	50.02
3	6662	140	288	7090	1670	5858	0	0	4978	4642	-1316	17944	0	17944	2532	20476	50.03
4	6481	145	299	6925	1629	5509	0	0	4989	4842	-1312	17593	0	17593	2393	19986	50.00
5	6385	376	289	7050	1784	5482	0	0	4980	4784	-1268	17832	0	17832	2337	20169	50.03
6	6637	146	290	7073	1909	5444	0	0	5493	5095	-1289	18232	0	18232	2360	20592	50.06
7	6652	156	290	7098	1486	5569	0	53	5609	5310	-1222	18294	0	18294	2292	20586	50.06
8	6296	146	288	6730	1271	5327	0	245	5659	5445	-1344	17674	0	17674	2416	20090	50.11
9	6278	161	287	6726	1311	4974	0	502	5736	5946	-1617	17842	0	17842	2724	20566	50.04
10	6780	173	272	7225	1217	5185	0	707	6015	5602	-1789	18147	0	18147	3071	21218	49.96
11	6594	143	282	7019	1211	5430	0	847	6217	6025	-1952	18580	0	18580	3306	21886	50.01
12	6877	142	280	7299	1184	5525	0	945	6494	5988	-2007	18934	0	18934	3391	22325	50.00
13	6700	114	280	7094	1184	5513	0	939	6430	6079	-1938	18871	0	18871	3398	22269	50.03
14	6531	114	268	6913	1034	5612	0	886	6178	6251	-1857	18839	0	18839	3353	22192	49.97
15	6935	119	277	7331	995	5940	0	791	6394	6034	-1861	19230	0	19230	3460	22690	49.98
16	6979	161	268	7408	899	6004	0	624	6363	6018	-1696	19257	0	19257	3517	22774	49.94
17	6887	175	279	7341	1002	5946	0	396	6169	6087	-1704	19068	0	19068	3444	22512	50.01
18	6818	358	281	7457	1161	5982	0	180	5446	5224	-1522	18482	0	18482	3306	21788	50.10
19	6825	264	283	7372	1533	5832	0	29	5010	4447	-1485	17728	0	17728	3096	20824	50.04
20	6852	253	284	7389	1437	5913	0	0	4815	4228	-1208	17759	0	17759	3031	20790	50.04
21	6865	254	285	7404	1586	5981	0	0	4246	4166	-1199	17938	0	17938	2970	20908	50.03
22	6874	247	286	7407	1723	6001	0	0	4263	4192	-1239	18084	0	18084	2933	21017	50.04
23	6744	141	285	7170	1756	6126	0	0	4501	4492	-1404	18140	0	18140	2964	21104	49.93
24	6719	264	286	7269	1508	5991	0	0	4668	4470	-1540	17698	0	17698	3019	20717	49.96
MUs	160.90	4.70	6.80	172.41	33.61	137.03	0.00	7.14	130.47	124.97	-36.51	438.65	0.00	438.65	70.96	509.62	50.02

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/May/2019

Position as on 6.30 Hrs of 31/May/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Parli Unit 7	250	12/12/2018	00.00		Continued.	Zero Schedule. (From Dt-27/01/2019 Converted Zero sch to AOH) and (from dt-15/02/2019 Converted AOH to Zero sch by MSEDCL)	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	19/01/2019	18.21		Continued.	Poor Coal Receipt	
MSPGCL	Parli Unit 8	250	01/05/2019	00.00		Continued.	Zero Schedule	
MSPGCL	Uran Unit 8	108	20/05/2019	16.01		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	28/05/2019	11.37		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	29/05/2019	03.08		Continued.	Cooling Water Condenser Line Leakage.	
MSPGCL	Koyana Unit 3	70	30/05/2019	11.05	30/05/2019	18.45	Needle No.1 feedback adjustment work	
RGPL	Dabhol 3B	230	31/05/2019	02.30		Continued.	Electrical Fault.	
RGPL	Dabhol 3A	230	31/05/2019	02.30		Continued.	Electrical Fault.	
RGPL	Dabhol 3X	290	31/05/2019	02.30		Continued.	Electrical Fault.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/May/2019

Statement-VII

Position as on 6.30 Hrs of 31/May/2019

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							
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 II	InterState	28/05/2019	17.57		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	29/05/2019	19.09	30/05/2019	09.59	HT	Over Voltage
New Koyna - Dabhol-I	IntraState	29/05/2019	23:50	30/05/2019	00.31	T	Main -I Protection Operatored.
Nagothane - Dabhol-II	IntraState	30/05/2019	04.17	30/05/2019	09.45	T	B-E Phase Trip, D-136.6KM, IA-3.30 KAMP, Z-2.
N.Koyna-Karad -Ckt II	IntraState	30/05/2019	07.04	30/05/2019	18.29	PO	Line Maintenance work
Khadka-Aurangabad (Waluj)	IntraState	30/05/2019	19.05		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
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	For Bunching of Conductor At Loc No.86 Disconnecting of Jumper At Loc No.86 To 107 And Deenergising The Line Between Loc No.86 To 107.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Mahindra Vehicle-Bridgestone	IntraState	30/05/2019	07.48	30/05/2019	13.28	PO	Replacement of R PH LA.
Magar Patta City- Serum	IntraState	30/05/2019	08.03		Continued.	PO	For Overhead To Underground Work.
Apta - Kalwa1	IntraState	30/05/2019	09.03		Continued.	PO	Gantry Painting Work.
Lonand-Baramati	IntraState	30/05/2019	09.05	30/05/2019	12.22	PO	Replacement of R PH LA.
Boisar Versova Line	IntraState	30/05/2019	09.07	30/05/2019	10.48	PO	Insulator Replacement Work
512 Khadki- Century Enka	IntraState	30/05/2019	09.40	30/05/2019	16.47	PO	Double Jumpering Work.
Nashik-Padgha	IntraState	30/05/2019	10.41	30/05/2019	15.55	HT	To Avoid Overloading of Nashik BBLR Ckts.
Walchandnagar-Bhigwan	IntraState	30/05/2019	14.30	30/05/2019	15.52	PO	Distance Relay Testing Work
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	28/03/2019	22.48		Continued.	T	Buccholz Trip.

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