

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 09/Jun/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	97.080	802.570	1) Gujrat	3.170	31.252
2) Hydro	25.340	83.164	2) Madhya Pradesh	9.770	51.494
3) Gas	3.339	22.141	3) Chattisgarh	6.300	47.500
Total MSPGCL	125.759	907.875	4) Maharashtra	120.998	924.600
B) 1) APLM	46.550	435.132	5) Goa (Amona)	-0.440	-1.518
2) JSWEL	17.848	147.648	Total	139.798	1053.328
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.514	175.593
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	14.488	160.527
5) WPCL	2.694	22.545	c) MSEDCL Bilateral *	47.232	291.638
6) Other IPP	9.152	76.099	Include PX	19.175	69.008
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.514	175.593
C) 1) TPCL Thermal	9.959	69.252	Include PX	11.470	112.538
2) TPCL Hydro	5.374	38.391	Standby	0.000	0.000
3) TPCL Gas	4.409	39.648	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.906	89.037	1) MSEDCL	359.821	2787.795
D) STATE			2) Mumbai Discoms	46.136	396.862
1) Thermal	195.189	1642.283	TOTAL STATE	405.957	3184.657
(A1+C1+C4+(B1-B6))					
2) Hydro	30.714	121.555			
(A2+C2)					
3) Gas	7.748	61.789			
(A3+B7+C3)					
4) Wind	25.196	252.569			
6) SOLAR	7.312	53.126			
TOTAL STATE	266.159	2131.322			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4181	4190	3640	4190
MSPGCL Hydro	937	1414	1509	335
MSPGCL Gas	130	130	144	148
MSPGCL Total Generation	5248	5734	5293	4673
Central Sector Receipt	7017	6771	4405	5339
WIND	766	808	1546	840
CPP / IPP Thermal	3162	3115	3175	3185
CPP / IPP Gas	0	0	0	0
SOLAR	919	772	0	0
Exchange with Mumbai	-862	-550	-452	-583
MSEDCL DEMAND MET	16250	16650	13967	13454
Load Shedding	0	0	0	0
MSEDCL DEMAND	16250	16650	13967	13454
TPCL GENERATION	771	1090	1063	575
AEML GENERATION	501	500	501	500
MUMBAI DEMAND	2134	2140	2016	1658
STATE DEMAND MET	18384	18790	15983	15112
STATE DEMAND	18384	18790	15983	15112
Frequency (Hz)	49.87	49.93	49.91	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 19:03 Hrs	49.63 Hz at 22:13 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 09/Jun/2020

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	0.00	0.00	0	0
Unit 9	0.00	18.14	0	0
Unit 10	0.00	18.21	0	0
Total	0.00	36.35		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	2.50	0	0
Unit 5	0.00	4.40	0	0
Total	0.00	6.91		
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	2.61	0	0
Total	0.00	2.61		
Chandrapur				
Unit 3	4.26	25.99	180	165
Unit 4	3.82	24.22	165	155
Unit 5	7.77	52.75	420	50
Unit 6	10.27	63.04	450	410
Unit 7	10.27	83.01	445	400
Unit 8	11.29	89.70	485	450
Unit 9	10.36	86.42	455	415
Total	58.03	425.15		
Paras				
Unit 3	5.96	45.56	253	235
Unit 4	6.00	47.56	255	242
Total	11.96	93.11		
Khaparkheda				
Unit 1	3.96	35.56	175	150
Unit 2	4.39	37.23	190	180
Unit 3	3.53	37.24	195	0
Unit 4	4.13	36.85	188	160
Unit 5	11.09	91.57	500	420
Total	27.10	238.44		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	3.34	22.14	148	130
Total	3.34	22.14		
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)	0.22	1.31	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.22	1.31		
Koyna				
Stage 1-2	6.76	30.28	475	35
Stage 4	12.31	24.74	923	0
Stage 3	4.65	12.50	304	80
Total	23.72	67.52		
Hydro				
KDPH	0.14	2.92	29	0
VTRNA	0.00	0.00	0	0
TILLARI	0.60	4.87	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.05	0.62	33	0
RNGR+BHTSA	0.26	2.05	11	10
BHANDARDRA	0.43	3.87	35	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.15	1.31	15	4
GHATGHAR	0.00	0.00	0	0
Total	1.62	15.64		
Wind				
Total	25.20	252.57	0	0
Total	25.20	252.57		
CPP				
APML(Mus)	46.55	435.13	0	0
JSWEL(Mus)	17.85	147.65	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	22.54	0	0
Other(Mus)	9.15	76.10	0	0
Total	76.24	681.42		
SOLAR				
Total	7.31	53.13	0	0
Total	7.31	53.13		
Tata				
Trombay 5	9.96	69.25	469	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	25.27	118	116
Trombay 7B	1.60	14.37	67	66
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.37	38.39	450	51
Total	19.74	147.29		
AEML				
DTPS U-1&2	11.91	89.04	502	428
Total	11.91	89.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	97.08	802.57	MSPGCL Total	125.76	907.88
			MSPGCL Thml+Gas	100.42	824.71	Koyna 1,2 & 4 Total	19.07	55.03
			MSPGCL Hydro	25.34	83.16	State Total	266.16	2131.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Jun/2020

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	4136	1160	137	5433	741	3221	0	0	4818	5019	-613	13801	0	13801	1907	15708	50.01
2	4156	1105	147	5408	744	3189	0	0	4861	4855	-559	13637	0	13637	1820	15457	49.99
3	4183	748	137	5068	871	3195	0	0	5165	5343	-592	13885	0	13885	1720	15605	50.01
4	4190	335	148	4673	840	3185	0	0	5377	5339	-583	13454	0	13454	1658	15112	50.00
5	4232	483	137	4852	817	3208	0	0	5283	5401	-553	13725	0	13725	1624	15349	50.03
6	4187	1112	148	5447	671	3204	0	0	5440	5919	-527	14714	0	14714	1623	16337	50.00
7	4178	1427	147	5752	610	3218	0	63	5615	6603	-406	15840	0	15840	1619	17459	49.99
8	4172	1457	137	5766	549	3208	0	282	5986	6450	-463	15792	0	15792	1692	17484	50.02
9	4122	782	144	5048	794	3211	0	551	6798	7002	-600	16006	0	16006	1825	17831	50.03
10	4119	665	133	4917	866	3232	0	770	7034	7155	-721	16219	0	16219	1985	18204	49.97
11	4151	414	142	4707	778	3199	0	906	7225	7342	-818	16114	0	16114	2084	18198	49.98
12	4181	937	130	5248	766	3162	0	919	6993	7017	-862	16250	0	16250	2134	18384	49.87
13	4186	1251	140	5577	727	3146	0	888	6593	6884	-859	16363	0	16363	2143	18506	49.92
14	4195	1359	131	5685	754	3138	0	849	6564	6776	-856	16346	0	16346	2142	18488	49.92
15	4190	1414	130	5734	808	3115	0	772	6452	6771	-550	16650	0	16650	2140	18790	49.93
16	4187	1461	141	5789	1015	3153	0	624	6097	6478	-531	16528	0	16528	2129	18657	50.00
17	4148	1316	132	5596	1541	3149	0	422	6143	6061	-470	16299	0	16299	2025	18324	50.03
18	4017	475	143	4635	2031	3153	0	226	5830	5625	-732	14938	0	14938	1924	16862	50.00
19	3745	400	134	4279	1778	3178	0	40	5188	5186	-736	13725	0	13725	1843	15568	49.98
20	3622	1102	143	4867	1604	3128	0	0	4764	4649	-424	13824	0	13824	1933	15757	49.98
21	3634	1298	134	5066	1536	3093	0	0	4743	4540	-454	13781	0	13781	1989	15770	49.86
22	3640	1509	144	5293	1546	3175	0	0	4369	4405	-452	13967	0	13967	2016	15983	49.91
23	3652	1652	134	5438	1416	3209	0	0	4404	4243	-532	13774	0	13774	2066	15840	49.88
24	3857	1478	146	5481	1393	3175	0	0	4492	4735	-595	14189	0	14189	2095	16284	49.98
MUs	97.08	25.34	3.34	125.76	25.20	76.24	0.00	7.31	136.23	139.80	-14.49	359.82	0.00	359.82	46.14	405.96	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 09/Jun/2020

Position as on 6.30 Hrs of 10/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	JSW (J) U3	300	30/04/2020	15.13		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	12/05/2020	19.34		Continued.	Zero Schedule.	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Shaft Position	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Shaft position	
MSPGCL	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.(Converted in To Zero schedule w.e.f	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Jun/2020

Position as on 6.30 Hrs of 10/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							03.06.2020 01.28)	
MSPGCL	Bhusawal Unit 4	500	01/06/2020	07.16		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	01/06/2020	12.21		Continued.	Zero schedule By MSEDCL	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13		Continued.	Zero schedule By MSEDCL	
MSPGCL	Koradi Unit 9	660	02/06/2020	15.42		Continued.	Flame Failure	
MSPGCL	Koradi Unit 10	660	03/06/2020	02.20		Continued.	Zero Schedule By MSEDCL.	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	RSD	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
MSPGCL	Khaparkheda Unit 3	210	09/06/2020	18.39		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 10/Jun/2020

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 I	InterState	08/06/2020	14.49		Continued.	HT	Over Voltage
Padgha Tarapur II	InterState	09/06/2020	09.35	09/06/2020	17.47	PO	Hot Line washing at Tarapur end
Khadka-Aurangabad (Waluj)	IntraState	31/05/2020	17.29		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	02/06/2020	18.39		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	02/06/2020	18.42		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	03/06/2020	02.40		Continued.	T	Over Voltage
Padghe - Nagothane - I	IntraState	05/06/2020	00.25		Continued.	HT	Over Voltage (RFC At 20:20Hrs)
Babhaleshtar - Padghe-I	IntraState	08/06/2020	09.45		Continued.	EO	Attend CB Problem & Testing Work.(RFC at 20:20 Dt- 08.06.2020)
karad -kolhapur-I	IntraState	08/06/2020	20.51	09/06/2020	09.08	HT	Over Voltage
Koradi-Bhusawal	IntraState	09/06/2020	19.25		Continued.	T	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 Kv 600 MVA ICT-II @Kalwa	IntraState	03/06/2020	08.28		Continued.	HT	Over Voltage
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	03/06/2020	15.30		Continued.	T	Oil Level low(Kept on Humming from 16.38Hrs DT.07-06-2020)
400/220kv, 500 MVA ICT-III @Babhaleshtar	IntraState	03/06/2020	17.37		Continued.	HT	Over Voltage
400/220KV 500MVA ICT 2@koradi 2	IntraState	05/06/2020	07.30		Continued.	PO	1) Tan delta measurement of bushing of ICT- 2.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	09/06/2020	10.18	09/06/2020	19.47	PO	Premonsoon Maintenance work
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	09/06/2020	10.53	09/06/2020	12.59	EO	Pressure switch faulty
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
EKLAHARE (OCR) Nasik - Navsari I	InterState	09/06/2020	09.30	09/06/2020	12.01	EO	Flashover string found at cut point near OCR
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Ongc Uran - Jnpt	IntraState	03/06/2020	06.30	10/06/2020	11.00	T	Distance Protection
Bappaon - Kalwa	IntraState	08/06/2020	07.33		Continued.	PO	Stringing work from old Tower to New CTT Tower at both end, Connection of Jumpers to the cable termination kit.
Kanhan-Bhandara I	IntraState	09/06/2020	08.11	09/06/2020	15.36	PO	Tightening of Nut Bolts
Nagothane-Wadkhal II	IntraState	09/06/2020	09.52	09/06/2020	17.30	EO	Maintenance for damage due to Nisarg Cyclone
REL Borivali Aarey Line	IntraState	09/06/2020	09.58	09/06/2020	16.27	EO	DMRC work for safety purpose
Karad(400kv) - Ogalewadi Ckt 2	IntraState	09/06/2020	10.03	09/06/2020	14.56	PO	Quarterly Maintenance Work
220kv Halkarni- Tillary	IntraState	09/06/2020	10.06	09/06/2020	14.19	EO	Replacement of Jump Nut Bolt and Insulator String
Bableshtar-Alephata ckt I	IntraState	09/06/2020	10.19	09/06/2020	21.59	PO	CB Timing
Parly-Parly Extn-I	IntraState	09/06/2020	10.27	09/06/2020	17.08	EO	To attend Hot Spot
Balapur-Malegaon	IntraState	09/06/2020	11.11	09/06/2020	16.05	PO	Fixing of Pilot String
Bhugaon-WardhaPG (Deoli)	IntraState	09/06/2020	12.44	09/06/2020	18.19	HT	Line opened by WRDLC for control overdrawal
Nagothane - Posco	IntraState	09/06/2020	12.50	09/06/2020	17.20	PO	Insulator string restringing at Loc.

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 09/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 10/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							No.11
Oni Kharepatan Line	IntraState	09/06/2020	14.02	09/06/2020	15.56	EO	Refilling of SF6 Gas Pressure
Nagothane-Wadkhal-I	IntraState	09/06/2020	17.40	09/06/2020	19.12	EO	Maintenance for damage due to <u>Nisarg Cyclone</u>
Pusad-WardhaPG(Deoli)	IntraState	10/06/2020	05.35		Continued.	T	Tripped at Wardha PG end only
220 KV ICT Outages/Trippings							
220/132KV 100MVA -1@Alephata	IntraState	09/06/2020	11.05	09/06/2020	22.25	PO	OLTC overhauling
220/100 Kv 100 Mva Emco Ict 1 @Tambati	IntraState	09/06/2020	12.45	09/06/2020	19.07	EO	Relay Testing