

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Jun/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	96.682	1474.882	1) Gujrat	9.141	67.949
2) Hydro	6.409	137.009	2) Madhya Pradesh	3.184	96.529
3) Gas	3.312	45.474	3) Chattisgarh	5.220	86.100
Total MSPGCL	106.403	1657.365	4) Maharashtra	128.317	1841.747
B) 1) APML	29.667	674.673	5) Goa (Amona)	-0.616	-3.498
2) JSWEL	18.131	270.353	Total	145.246	2088.827
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.611	320.202
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	21.648	305.382
5) WPCL	2.695	41.161	c) MSEDCL Bilateral *	30.618	594.600
6) Other IPP	6.809	125.060	Include PX	6.922	205.047
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.611	320.202
C) 1) TPCL Thermal	8.142	122.685	Include PX	14.141	210.727
2) TPCL Hydro	4.999	72.293	Standby	0.000	0.000
3) TPCL Gas	4.335	70.355	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.940	159.274	1) MSEDCL	314.378	5069.451
D) STATE			2) Mumbai Discoms	48.064	729.984
1) Thermal	171.066	2868.088	TOTAL STATE	362.442	5799.435
(A1+C1+C4+(B1-B6))					
2) Hydro	11.408	209.302			
(A2+C2)					
3) Gas	7.647	115.829			
(A3+B7+C3)					
4) Wind	21.734	426.519			
6) SOLAR	5.341	90.875			
TOTAL STATE	217.196	3710.613			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4078	4117	4080	3983
MSPGCL Hydro	458	239	385	143
MSPGCL Gas	146	132	144	146
MSPGCL Total Generation	4682	4488	4609	4272
Central Sector Receipt	7275	6162	5895	5272
WIND	630	1144	1633	560
CPP / IPP Thermal	2428	2305	2348	2444
CPP / IPP Gas	0	0	0	0
SOLAR	453	499	0	0
Exchange with Mumbai	-1024	-878	-832	-814
MSEDCL DEMAND MET	14444	13720	13653	11734
Load Shedding	0	0	0	0
MSEDCL DEMAND	14444	13720	13653	11734
TPCL GENERATION	671	950	819	571
AEML GENERATION	372	371	373	374
MUMBAI DEMAND	2067	2199	2024	1759
STATE DEMAND MET	16511	15919	15677	13493
STATE DEMAND	16511	15919	15677	13493
Frequency (Hz)	50.00	49.99	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 18.01 Hrs	49.83 Hz at 20.44 Hrs	50	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/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	3.82	53.58	183	120
Unit 4	3.49	50.04	160	120
Unit 5	9.45	121.50	405	365
Unit 6	9.82	133.30	425	365
Unit 7	10.03	153.04	445	365
Unit 8	10.80	165.05	465	425
Unit 9	10.49	158.66	456	410
Total	57.91	835.18		
Paras				
Unit 3	4.92	81.84	217	193
Unit 4	5.09	85.55	233	190
Total	10.02	167.39		
Khaparkheda				
Unit 1	4.08	63.41	180	155
Unit 2	4.31	66.74	190	160
Unit 3	4.44	60.59	195	160
Unit 4	4.10	66.08	185	155
Unit 5	11.83	169.63	500	470
Total	28.76	426.45		
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	3.31	45.47	146	124
Total	3.31	45.47		
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)	0.09	2.19	27	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.09	2.19		
Koyna				
Stage 1-2	2.64	51.60	430	35
Stage 4	0.32	35.51	257	0
Stage 3	1.43	20.82	160	0
Total	4.39	107.92		
Hydro				
KDPH	0.00	5.62	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.93	9.17	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	1.34	40	0
RNGR+BHTSA	0.25	3.70	11	10
BHANDARDRA	0.42	6.90	32	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.12	2.35	14	2
GHATGHAR	0.00	0.00	0	0
Total	2.02	29.09		
Wind				
Total	21.73	426.52	0	0
Total	21.73	426.52		
CPP				
APML(Mus)	29.67	674.67	0	0
JSWEL(Mus)	18.13	270.35	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	41.16	0	0
Other(Mus)	6.81	125.06	0	0
Total	57.30	1111.25		
SOLAR				
Total	5.34	90.88	0	0
Total	5.34	90.88		
Tata				
Trombay 5	8.14	122.68	460	301
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	44.89	117	92
Trombay 7B	1.57	25.46	67	57
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.00	72.29	459	36
Total	17.48	265.33		
AEML				
DTPS U-1&2	8.94	159.27	375	369
Total	8.94	159.27		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	96.68	1474.88	MSPGCL Total	106.40	1657.36
			MSPGCL Thml+Gas	99.99	1520.36	Koyna 1,2 & 4 Total	2.96	87.10
			MSPGCL Hydro	6.41	137.01	State Total	217.20	3710.61

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	3992	158	136	4286	678	2390	0	0	5661	5596	-803	12147	0	12147	2064	14211	50.01
2	4004	143	146	4293	712	2435	0	0	5486	5418	-883	11975	0	11975	1915	13890	50.01
3	3974	143	135	4252	728	2428	0	0	5249	5308	-866	11850	0	11850	1830	13680	50.02
4	3983	143	146	4272	560	2444	0	0	5157	5272	-814	11734	0	11734	1759	13493	50.00
5	3987	366	136	4489	437	2458	0	0	5133	5259	-762	11881	0	11881	1727	13608	49.97
6	4040	535	146	4721	372	2462	0	0	5705	5957	-692	12820	0	12820	1753	14573	49.99
7	4045	220	124	4389	377	2439	0	36	6697	6892	-630	13503	0	13503	1701	15204	50.00
8	4066	153	127	4346	451	2387	0	181	6918	7071	-758	13678	0	13678	1742	15420	50.05
9	4060	299	136	4495	547	2411	0	288	6818	7111	-878	13974	0	13974	1882	15856	50.03
10	4078	458	146	4682	630	2428	0	453	6971	7275	-1024	14444	0	14444	2067	16511	50.00
11	4078	239	135	4452	726	2398	0	641	7024	6920	-1079	14058	0	14058	2178	16236	50.00
12	4033	196	144	4373	727	2405	0	766	7040	6794	-1199	13866	0	13866	2227	16093	49.97
13	3968	176	135	4279	873	2359	0	704	6701	6568	-1246	13537	0	13537	2215	15752	50.01
14	3782	219	133	4134	881	2360	0	654	6418	6420	-1280	13169	0	13169	2177	15346	49.98
15	4002	239	142	4383	1112	2347	0	611	6179	6273	-1047	13679	0	13679	2195	15874	49.97
16	4117	239	132	4488	1144	2305	0	499	5937	6162	-878	13720	0	13720	2199	15919	49.99
17	4067	534	143	4744	981	2348	0	302	5713	5837	-812	13400	0	13400	2107	15507	49.99
18	4060	478	133	4671	1270	2364	0	170	5781	5857	-943	13389	0	13389	2017	15406	50.01
19	4037	220	134	4391	1471	2376	0	36	5894	5753	-942	13085	0	13085	1933	15018	50.02
20	4080	385	144	4609	1633	2348	0	0	5783	5895	-832	13653	0	13653	2024	15677	50.00
21	4097	325	134	4556	1515	2366	0	0	5657	5461	-723	13175	0	13175	2046	15221	49.96
22	4108	219	144	4471	1436	2357	0	0	5429	5320	-750	12834	0	12834	2061	14895	50.02
23	4092	198	135	4425	1239	2367	0	0	5412	5288	-843	12476	0	12476	2111	14587	49.98
24	3932	124	146	4202	1234	2320	0	0	5509	5539	-964	12331	0	12331	2134	14465	50.02
MUs	96.68	6.41	3.31	106.40	21.73	57.30	0.00	5.34	144.27	145.25	-21.65	314.38	0.00	314.38	48.06	362.44	50.00

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/Jun/2020

Position as on 6.30 Hrs of 17/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 B0	120	25/05/2020	12.51		Continued.	Shaft position	
MSPGCL	Uran Unit 7	108	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 16/Jun/2020

Position as on 6.30 Hrs of 17/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.	
IPP	Adani U-4	660	12/06/2020	10.30		Continued.	Zero Schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 16/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 17/Jun/2020

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-I	IntraState	17/06/2020	00.32	17/06/2020	01.22	HT	Over Voltage
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	05/06/2020	09.35	16/06/2020	09.13	PO	Suspicious disc insulator and maintenance work.
Dhule Sar'Sarovar II	InterState	13/06/2020	16.26		Continued.	HT	Over Voltage
Chandrapur Bhadravati I	InterState	14/06/2020	17.48		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	14/06/2020	18.02		Continued.	T	Bus-II B Phase CVT Burst
Dhule Sar'Sarovar I	InterState	16/06/2020	18.07	16/06/2020	22.04	HT	Over Voltage
Padghe - Nagothane - I	IntraState	05/06/2020	00.25		Continued.	HT	Over Voltage (RFC At 20:20Hrs)
Babhaleshwar - Padghe-I	IntraState	08/06/2020	09.45		Continued.	EO	Attend CB Problem & Testing Work.(RFC at 20:20 Dt-08.06.2020)
Jaigad-Karad Ckt-I	IntraState	10/06/2020	23.22		Continued.	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Kept out due to No generation available at sinner ent.
Khadka-Aurangabad (Waluj)	IntraState	12/06/2020	17.00		Continued.	HT	Over Voltage
Koradi-Bhusawal	IntraState	14/06/2020	01.02	16/06/2020	08.40	HT	Over Voltage
Dhule - Bableswhar - II	IntraState	14/06/2020	18.02		Continued.	T	Bus Fault at Dhule.Bus-II B phase CVT Burst(RFC 22.30 on date 15.06.2020 code 199).
karad -kolhapur-I	IntraState	15/06/2020	14.15		Continued.	PO	Line Maintenance Work (RFC 16.49)
Lonikand I - Koyna stage-IV	IntraState	15/06/2020	20.42		Continued.	HT	Over Voltage
Parly(MS)- Nanded ckt I	IntraState	16/06/2020	09.13		Continued.	PO	Isolator problem
Koradi-Bhusawal	IntraState	16/06/2020	21.42		Continued.	T	Over Voltage
Warora -IEPL	IntraState	17/06/2020	02.10		Continued.	T	Over Voltage
N.Koyna-Karad -Ckt I	IntraState	17/06/2020	03.02		Continued.	HT	SF6 Gas low at N.Koyna end
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.
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)
Butibori 3-Butibori 1	InterState	16/06/2020	09.37	16/06/2020	13.14	PO	Testing Work
Boiser(M)-Boiser(PG) -III	InterState	17/06/2020	02.29	17/06/2020	03.14	EO	outage by Boiser PG
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
Virur - Virur Rly Tss 2	IntraState	16/06/2020	08.50	16/06/2020	11.35	PO	Crimping of Conductor
Dahanu Ghodbunder Line 2	IntraState	16/06/2020	09.01	16/06/2020	18.44	PO	Replacement of abnormal polymer Insulators.
Koradi-Butibori Rly Tss	IntraState	16/06/2020	09.22	16/06/2020	16.47	EO	To attend Hot Spot
Alkud Miraj	IntraState	16/06/2020	09.25	16/06/2020	16.55	PO	Replacement of conductor
Vita - Mhaishal	IntraState	16/06/2020	09.30	16/06/2020	16.45	PO	Replacement of conductor
Nigade- Peth Line	IntraState	16/06/2020	13.08	16/06/2020	15.24	PO	Quarterly Maintenance Work
Sawantwadi-Bidri	IntraState	16/06/2020	23.35		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							

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/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 17/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main Buchholz trip.
220/100kV 200MVA ICT @ Ogalewadi	IntraState	16/06/2020	11.47	16/06/2020	16.36	PO	Annual Maintenance Work
220/132kv 100MVA ICT II @Satara Midc	IntraState	16/06/2020	12.40	16/06/2020	14.36	PO	LA replacement work.