

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Jun/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.278	2070.788	1) Gujrat	14.984	163.790
2) Hydro	17.787	204.702	2) Madhya Pradesh	7.813	137.570
3) Gas	3.069	67.268	3) Chattisgarh	7.540	126.170
Total MSPGCL	113.134	2342.758	4) Maharashtra	128.876	2694.145
B) 1) APML	30.403	878.516	5) Goa (Amona)	-0.440	-7.524
2) JSWEL	16.656	386.032	Total	158.773	3114.151
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.583	466.327
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	18.078	449.836
5) WPCL	2.701	59.691	c) MSEDCL Bilateral *	42.591	833.800
6) Other IPP	7.708	173.623	Include PX	19.298	281.592
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.583	466.327
C) 1) TPCL Thermal	10.622	184.386	Include PX	14.195	301.713
2) TPCL Hydro	5.026	104.167	Standby	0.000	0.000
3) TPCL Gas	4.269	100.955	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.223	226.955	1) MSEDCL	351.279	7327.041
D) STATE			2) Mumbai Discoms	49.219	1066.293
1) Thermal	171.591	3979.991	TOTAL STATE	400.498	8393.334
(A1+C1+C4+(B1-B6))					
2) Hydro	22.813	308.869			
(A2+C2)					
3) Gas	7.338	168.223			
(A3+B7+C3)					
4) Wind	33.769	691.420			
6) SOLAR	6.213	130.686			
TOTAL STATE	241.724	5279.189			

* 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 21 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	3947	4056	4074	3470
MSPGCL Hydro	360	751	1431	202
MSPGCL Gas	122	122	126	129
MSPGCL Total Generation	4429	4929	5631	3801
Central Sector Receipt	7912	7260	5687	5785
WIND	1537	1443	1113	1484
CPP / IPP Thermal	2400	2392	2414	2366
CPP / IPP Gas	0	0	0	0
SOLAR	862	676	0	0
Exchange with Mumbai	-1078	-748	-533	-855
MSEDCL DEMAND MET	16062	15952	14312	12581
Load Shedding	0	0	0	0
MSEDCL DEMAND	16062	15952	14312	12581
TPCL GENERATION	749	1061	1020	665
AEML GENERATION	405	500	501	375
MUMBAI DEMAND	2232	2309	2054	1895
STATE DEMAND MET	18294	18261	16366	14476
STATE DEMAND	18294	18261	16366	14476
Frequency (Hz)	50.00	49.94	49.94	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 13.01 Hrs	49.81 Hz at 13.46 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 23/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	3.83	80.70	165	140
Unit 4	3.72	76.78	161	130
Unit 5	9.30	186.37	400	370
Unit 6	9.92	198.03	435	395
Unit 7	9.96	219.91	445	395
Unit 8	10.37	234.06	462	400
Unit 9	10.66	228.94	465	425
Total	57.76	1224.80		
Paras				
Unit 3	3.36	94.94	240	0
Unit 4	3.29	99.17	226	0
Total	6.65	194.11		
Khaparkheda				
Unit 1	3.95	90.92	175	150
Unit 2	3.52	87.82	185	70
Unit 3	4.58	90.06	195	190
Unit 4	4.57	95.25	195	185
Unit 5	11.24	241.95	500	420
Total	27.87	606.02		
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	3.07	67.27	139	121
Total	3.07	67.27		
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)	0.08	2.92	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	2.92		
Koyna				
Stage 1-2	5.90	74.37	485	35
Stage 4	6.50	51.84	703	0
Stage 3	3.21	31.01	320	80
Total	15.61	157.22		
Hydro				
KDPH	0.70	10.14	29	29
VTRNA	0.00	0.00	0	0
TILLARI	0.56	14.99	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.25	3.36	40	0
RNGR+BHTSA	0.13	5.20	10	0
BHANDARDRA	0.41	9.80	33	10
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.14	3.99	15	3
GHATGHAR	0.00	0.00	0	0
Total	2.18	47.48		
Wind				
Total	33.77	691.42	0	0
Total	33.77	691.42		
CPP				
APML(Mus)	30.40	878.52	0	0
JSWEL(Mus)	16.66	386.03	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	59.69	0	0
Other(Mus)	7.71	173.62	0	0
Total	57.47	1497.86		
SOLAR				
Total	6.21	130.69	0	0
Total	6.21	130.69		
Tata				
Trombay 5	10.62	184.39	474	399
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.72	64.46	118	83
Trombay 7B	1.55	36.50	67	55
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.03	104.17	417	46
Total	19.92	389.51		
AEML				
DTPS U-1&2	11.22	226.96	501	372
Total	11.22	226.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	92.28	2070.79	MSPGCL Total	113.13	2342.76
			MSPGCL Thml+Gas	95.35	2138.06	Koyna 1,2 & 4 Total	12.40	126.21
			MSPGCL Hydro	17.79	204.70	State Total	241.72	5279.19

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/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	3490	236	139	3865	1559	2362	0	0	6249	6277	-868	13195	0	13195	2125	15320	49.97
2	3465	157	128	3750	1430	2383	0	0	6022	6212	-813	12962	0	12962	1995	14957	50.00
3	3470	202	129	3801	1484	2366	0	0	5954	5785	-855	12581	0	12581	1895	14476	49.93
4	3460	172	128	3760	1431	2377	0	0	5977	5877	-729	12716	0	12716	1816	14532	49.93
5	3433	227	139	3799	1466	2370	0	0	5994	6003	-715	12923	0	12923	1768	14691	49.94
6	3495	562	129	4186	1386	2376	0	0	6473	6505	-607	13846	0	13846	1782	15628	49.96
7	3532	1000	129	4661	1210	2360	0	48	7306	7459	-482	15256	0	15256	1742	16998	50.00
8	3692	949	138	4779	1397	2367	0	235	7652	7641	-596	15823	0	15823	1784	17607	49.96
9	3794	636	126	4556	1715	2368	0	408	7425	7555	-701	15901	0	15901	1884	17785	49.99
10	3873	520	124	4517	1702	2386	0	616	7610	7579	-814	15986	0	15986	2055	18041	49.99
11	3910	447	124	4481	1634	2405	0	696	7639	7689	-916	15989	0	15989	2193	18182	50.02
12	3947	360	122	4429	1537	2400	0	862	7837	7912	-1078	16062	0	16062	2232	18294	50.00
13	4029	598	121	4748	1587	2391	0	828	7286	7380	-988	15946	0	15946	2250	18196	49.98
14	4025	700	122	4847	1519	2393	0	798	7067	7054	-835	15776	0	15776	2235	18011	49.94
15	4056	751	122	4929	1443	2392	0	676	7129	7260	-748	15952	0	15952	2309	18261	49.94
16	4082	1252	123	5457	1453	2436	0	490	6749	6891	-763	15964	0	15964	2278	18242	50.00
17	4055	1314	133	5502	1734	2449	0	338	6509	6624	-731	15916	0	15916	2215	18131	50.00
18	4045	617	125	4787	1552	2419	0	174	6348	6485	-808	14609	0	14609	2078	16687	50.00
19	4030	500	126	4656	1330	2390	0	44	6110	6297	-762	13955	0	13955	2006	15961	50.01
20	4051	1271	126	5448	1087	2358	0	0	5642	5729	-578	14044	0	14044	2080	16124	49.92
21	4074	1431	126	5631	1113	2414	0	0	5557	5687	-533	14312	0	14312	2054	16366	49.94
22	4080	1294	136	5510	1060	2453	0	0	5511	5443	-615	13851	0	13851	2086	15937	49.94
23	4091	1367	127	5585	978	2427	0	0	5575	5656	-729	13917	0	13917	2155	16072	49.96
24	4099	1224	127	5450	962	2426	0	0	5770	5773	-814	13797	0	13797	2201	15998	49.96
MUs	92.28	17.79	3.07	113.13	33.77	57.47	0.00	6.21	157.39	158.77	-18.08	351.28	0.00	351.28	49.22	400.50	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 23/Jun/2020

Position as on 6.30 Hrs of 24/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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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.(Converted zero schedule from 25.03.2020)	
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	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Jun/2020

Position as on 6.30 Hrs of 24/Jun/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
							To Zero schedule w.e.f 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.	Converted Zero Schedule from 03.06.2020	
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.	Converted zero schedule from 03.06.2020	
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	
MSPGCL	Koyana STG- IV Unit - 1	250	17/06/2020	08.00		Continued.	Work Of Main Inlet Spherical Valve Servomotor Cylinder.	
MSPGCL	Paras Unit 3	250	19/06/2020	01.58	23/06/2020	06.13	Zero schedule.	
MSPGCL	Paras Unit 4	250	19/06/2020	04.00	23/06/2020	06.34	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 24/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
Chandrapur Bhadravati I	InterState	14/06/2020	17.48		Continued.	HT	Over Voltage
Dhule Khandwa I	InterState	14/06/2020	18.02	24/06/2020	06.11	T	Bus-II B Phase CVT Burst
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	24/06/2020	06.01	HT	Over Voltage
Padghe - Kalwa- I	IntraState	15/06/2020	21.16		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	18/06/2020	20.48		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	19/06/2020	18.08		Continued.	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	19/06/2020	19.51	23/06/2020	10.43	HT	Over Voltage
karad -kolhapur-I	IntraState	22/06/2020	16.00	23/06/2020	15.07	HT	Over Voltage
Parly(MS)- Nanded ckt II	IntraState	23/06/2020	10.58	24/06/2020	05.58	PO	CT Testing Work(RFC at 18.34hrs)
Main Bus-II @ Koradi	IntraState	23/06/2020	11.20	23/06/2020	21.27	PO	Replacement of B phase Rotory 29B Isolator
karad -kolhapur-II	IntraState	23/06/2020	14.44		Continued.	T	Tripped on PDR(RFC at 18.00hrs)
Dhule - Bableswhar - II	IntraState	23/06/2020	17.59	24/06/2020	06.28	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 kv 500 MVA ICT-III @ Kalwa	IntraState	19/06/2020	00.41		Continued.	HT	Over Voltage(LV side OFF)
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)
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
Padghe - Nalasopara	IntraState	22/06/2020	22.34	23/06/2020	01.04	PO	Hot Spot on B Ph CT.
Boisar Versova Line	IntraState	23/06/2020	08.04	23/06/2020	21.25	PO	Replacement of Abnormal Polymer Insulators
Talandage - Sawantwadi I	IntraState	23/06/2020	09.04	23/06/2020	17.18	PO	Replacement of Faulty Insulator Found In PID.
Gadchandur - Virur-I	IntraState	23/06/2020	10.23	23/06/2020	17.38	PO	Line Maintenance work
Talandage(400kv) - Five Star Midc	IntraState	23/06/2020	10.58	23/06/2020	15.36	PO	CT Tripping Testing Work.
ACCIL - Apta	IntraState	23/06/2020	11.17	23/06/2020	14.54	EO	Replacement of Flashover Disc at LOC. 539.
Karad - Vita Ckt- II	IntraState	23/06/2020	11.59	23/06/2020	12.54	EO	Attending Hot Spot
Chandrapur(MIDC)-Ballarshah II	IntraState	23/06/2020	12.02	23/06/2020	17.17	PO	Line Maintenance work
Badnera - Nandgaonpeth	IntraState	23/06/2020	14.05	23/06/2020	14.32	PO	To test direction feature of Amravati CKT
Karad(400kv) - Wathar	IntraState	24/06/2020	03.43		Continued.	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 kv 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main Buchholz trip.

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