

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Jun/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	93.449	2434.545	1) Gujrat	11.146	220.184
2) Hydro	11.283	277.989	2) Madhya Pradesh	15.768	198.803
3) Gas	0.041	76.383	3) Chattisgarh	7.550	156.800
Total MSPGCL	104.773	2788.917	4) Maharashtra	151.863	3294.063
B) 1) APMIL	27.851	994.186	5) Goa (Amona)	-0.176	-8.668
2) JSWEL	17.859	455.014	Total	186.151	3861.182
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.335	561.443
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.512	533.273
5) WPCL	2.705	70.488	c) MSEDCL Bilateral *	50.595	1072.867
6) Other IPP	7.113	202.845	Include PX	25.926	425.584
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.335	561.443
C) 1) TPCL Thermal	9.114	223.888	Include PX	17.424	362.837
2) TPCL Hydro	4.356	123.587	Standby	0.000	0.000
3) TPCL Gas	4.389	118.487	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.871	270.783	1) MSEDCL	336.664	8727.132
D) STATE			2) Mumbai Discoms	50.242	1270.012
1) Thermal	167.962	4651.749	TOTAL STATE	386.906	9997.144
(A1+C1+C4+(B1-B6))					
2) Hydro	15.639	401.576			
(A2+C2)					
3) Gas	4.430	194.870			
(A3+B7+C3)					
4) Wind	7.361	733.415			
6) SOLAR	5.363	154.358			
TOTAL STATE	200.755	6135.968			

* 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 4 Hrs
MSPGCL Thermal	3931	4008	4022	3854
MSPGCL Hydro	189	354	963	215
MSPGCL Gas	0	0	0	0
MSPGCL Total Generation	4120	4362	4985	4069
Central Sector Receipt	8794	8461	6551	7022
WIND	108	195	947	139
CPP / IPP Thermal	2279	2310	2399	2310
CPP / IPP Gas	0	0	0	0
SOLAR	712	653	0	0
Exchange with Mumbai	-1253	-1125	-739	-764
MSEDCL DEMAND MET	14760	14856	14143	12776
Load Shedding	0	0	0	0
MSEDCL DEMAND	14760	14856	14143	12776
TPCL GENERATION	595	760	1055	640
AEML GENERATION	373	374	373	501
MUMBAI DEMAND	2221	2259	2167	1905
STATE DEMAND MET	16981	17115	16310	14681
STATE DEMAND	16981	17115	16310	14681
Frequency (Hz)	49.98	49.94	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 08.02 Hrs	49.82 Hz at 23.05 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 27/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	8.96	42.41	455	250
Unit 10	9.34	33.92	420	320
Total	18.31	76.32		
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	4.25	97.39	181	163
Unit 4	3.91	92.11	165	160
Unit 5	9.98	223.52	450	365
Unit 6	10.03	237.77	452	360
Unit 7	0.00	223.62	0	0
Unit 8	8.92	271.30	465	220
Unit 9	10.87	271.87	465	440
Total	47.97	1417.58		
Paras				
Unit 3	5.04	115.61	230	186
Unit 4	4.95	119.33	233	187
Total	9.99	234.94		
Khaparkheda				
Unit 1	3.60	105.67	165	130
Unit 2	0.00	89.82	0	0
Unit 3	2.99	106.45	195	0
Unit 4	0.08	107.94	80	0
Unit 5	10.51	286.31	450	420
Total	17.18	696.19		
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	0.04	76.38	27	0
Total	0.04	76.38		
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)	0.02	3.16	10	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	3.16		
Koyna				
Stage 1-2	4.10	99.60	380	40
Stage 4	3.16	78.87	531	0
Stage 3	1.84	42.83	160	0
Total	9.10	221.31		
Hydro				
KDPH	0.67	12.87	28	28
VTRNA	0.00	0.00	0	0
TILLARI	0.52	17.41	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.31	4.59	40	0
RNGR+BHTSA	0.24	6.18	11	10
BHANDARDRA	0.39	11.39	17	16
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	4.24	11	0
GHATGHAR	0.00	0.00	0	0
Total	2.18	56.68		
Wind				
Total	7.36	733.42	0	0
Total	7.36	733.42		
CPP				
APML(Mus)	27.85	994.19	0	0
JSWEL(Mus)	17.86	455.01	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	70.49	0	0
Other(Mus)	7.11	202.84	0	0
Total	55.53	1722.53		
SOLAR				
Total	5.36	154.36	0	0
Total	5.36	154.36		
Tata				
Trombay 5	9.11	223.89	466	305
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	75.68	117	116
Trombay 7B	1.58	42.81	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.36	123.59	433	41
Total	17.86	465.96		
AEML				
DTPS U-1&2	9.87	270.78	503	324
Total	9.87	270.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	93.45	2434.54	MSPGCL Total	104.77	2788.92
			MSPGCL Thml+Gas	93.49	2510.93	Koyna 1,2 & 4 Total	7.26	178.48
			MSPGCL Hydro	11.28	277.99	State Total	200.76	6135.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/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	3945	892	0	4837	256	2278	0	0	6850	7035	-876	13530	0	13530	2268	15798	50.00
2	3811	811	0	4622	189	2337	0	0	6809	6905	-947	13106	0	13106	2118	15224	50.01
3	3823	522	0	4345	152	2310	0	0	6936	6754	-868	12693	0	12693	2002	14695	50.03
4	3854	215	0	4069	139	2310	0	0	7003	7022	-764	12776	0	12776	1905	14681	50.00
5	3795	345	0	4140	126	2306	0	0	6953	7162	-754	12980	0	12980	1862	14842	49.99
6	3727	416	0	4143	69	2286	0	0	7521	7733	-664	13567	0	13567	1849	15416	49.98
7	3682	540	0	4222	88	2239	0	28	8213	8122	-592	14107	0	14107	1795	15902	50.00
8	3771	329	0	4100	100	2221	0	143	8763	8749	-708	14605	0	14605	1812	16417	50.05
9	3891	227	0	4118	117	2233	0	330	9069	8806	-984	14620	0	14620	1894	16514	50.07
10	3777	214	0	3991	73	2179	0	518	9173	9100	-1133	14728	0	14728	2039	16767	50.03
11	3734	215	0	3949	125	2231	0	674	9112	9014	-1238	14755	0	14755	2164	16919	49.98
12	3931	189	0	4120	108	2279	0	712	8724	8794	-1253	14760	0	14760	2221	16981	49.98
13	4032	202	0	4234	111	2306	0	729	8796	8691	-1323	14748	0	14748	2239	16987	50.01
14	3988	189	0	4177	119	2267	0	732	8917	8716	-1314	14697	0	14697	2234	16931	50.00
15	4008	354	0	4362	195	2310	0	653	8564	8461	-1125	14856	0	14856	2259	17115	49.94
16	4089	184	0	4273	286	2333	0	420	8652	8453	-982	14783	0	14783	2242	17025	50.00
17	3935	134	0	4069	318	2386	0	270	8354	8404	-893	14554	0	14554	2152	16706	50.02
18	3891	474	0	4365	401	2357	0	136	7778	7744	-1088	13915	0	13915	2035	15950	50.03
19	3846	389	0	4235	588	2370	0	18	7347	7396	-865	13742	0	13742	1988	15730	50.02
20	3876	799	0	4675	549	2385	0	0	7029	7131	-661	14079	0	14079	2089	16168	50.03
21	4022	963	0	4985	947	2399	0	0	6403	6551	-739	14143	0	14143	2167	16310	50.00
22	4027	899	0	4926	935	2414	0	0	6339	6143	-796	13622	0	13622	2228	15850	49.91
23	4027	844	14	4885	732	2391	0	0	6493	6666	-901	13773	0	13773	2313	16086	49.96
24	3967	937	27	4931	638	2401	0	0	6478	6599	-1044	13525	0	13525	2367	15892	49.99
MUs	93.45	11.28	0.04	104.77	7.36	55.53	0.00	5.36	186.28	186.15	-22.51	336.66	0.00	336.66	50.24	386.91	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 27/Jun/2020

Position as on 6.30 Hrs of 28/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.(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.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
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 27/Jun/2020

Position as on 6.30 Hrs of 28/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	
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	Koyna STG- IV Unit - 1	250	17/06/2020	08.00	27/06/2020	21.40	Work Of Main Inlet Spherical Valve Servomotor Cylinder.	
MSPGCL	Chandrapur Unit 7	500	24/06/2020	09.30		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	24/06/2020	11.34		Continued.	Generator Earth Fault	
MSPGCL	Uran Unit 6	108	27/06/2020	00.00	27/06/2020	22.24	Air Filter Replacement and Boiler side steam leakages	
MSPGCL	Uran Unit A0	120	27/06/2020	00.00	28/06/2020	11.23	Air Filter Replacement and Boiler side steam leakages	
MSPGCL	Khaparkheda Unit 4	210	27/06/2020	00.33	28/06/2020	14.29	Suspected Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 3	210	27/06/2020	16.15		Continued.	Boiler Tube Leakage	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	
MSPGCL	Uran Unit 6	108	28/06/2020	03.35	28/06/2020	07.08	Generator Protection.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Tripping for 27/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 28/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/Tripping							
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 Sar'Sarovar I	InterState	26/06/2020	21.58	27/06/2020	09.09	HT	Over Voltage
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	18/06/2020	20.48		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/06/2020	22.06		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2020	19.26		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	26/06/2020	16.47		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	26/06/2020	17.30	28/06/2020	13.53	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	27/06/2020	01.07		Continued.	T	Distance Protection(RFC 04.45hrs/29-6-2020)
Dhule - Bableshtar - II	IntraState	28/06/2020	13.41		Continued.	T	Distance Protection(RFC 18.58Hrs)
400 KV ICT Outages/Tripping							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220 Kv 200 Mva Bhel Spare Ict 2 @Kalwa	IntraState	27/06/2020	10.14	27/06/2020	15.20	PO	For Alignment And Setting Of 29 A PG Isolator B Phase Scissor Assembly.
220 KV LINE Outages/Tripping							
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 II	InterState	27/06/2020	09.33	27/06/2020	18.36	PO	Maintenance Work, GETCO Work.
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	27/06/2020	20.34	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Boisar(M) - Ghodbunder	IntraState	26/06/2020	06.57	27/06/2020	20.51	PO	Cable Laying Work.
Dondaicha(220)-Amalner(220)	IntraState	27/06/2020	05.41	27/06/2020	13.11	T	Distance Protection
Bhosari 2 - Telco	IntraState	27/06/2020	07.47	27/06/2020	10.10	PO	Oil Leakage Attending work Of Y-Phase CT.
Bableshtar Ahamdnagar-Ii	IntraState	27/06/2020	09.28	27/06/2020	17.44	PO	CB Timing, Distance & B/u Relay Testing TCS Relay Retrofitting.
Talandage - Sawantwadi I	IntraState	27/06/2020	09.34	27/06/2020	16.19	PO	Replacement Of Faulty Disc Insulator Found In PID.
Nagothane - ACCIL	IntraState	27/06/2020	10.50	27/06/2020	15.20	PO	Insulator String Replacement.
Akola-Paras Ckt No-I	IntraState	27/06/2020	13.30	27/06/2020	13.38	T	Distance Protection
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	27/06/2020	17.25	27/06/2020	21.56	T	Distance Protection
Ghatghar - Jindal	IntraState	27/06/2020	17.25	27/06/2020	21.33	T	Distance Protection
Ghatghar - Bapgaon	IntraState	27/06/2020	17.25		Continued.	T	Conductor Snap.
Kandalgaon - Bhira	IntraState	27/06/2020	19.45	27/06/2020	20.07	T	Distance Protection
Dahanu-Viraj	IntraState	28/06/2020	08.45	28/06/2020	10.28	EO	To attend Hot Spot
Bhosari 2 - Telco	IntraState	28/06/2020	11.08	28/06/2020	16.20	PO	Replacement of Y Phase CT
220KV Chalisagaon-Kopergaon	IntraState	28/06/2020	17.50	28/06/2020	18.15	T	Distance Protection
220 KV ICT Outages/Tripping							
220/132 KV 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main Buchholz trip.
220/132 Kv 200 Mva Vijai Ict 1 @Eklahre (Gcr)	IntraState	27/06/2020	11.07	27/06/2020	13.17	PO	Relay Testing Work.
220/132kv 150MVA ICT-II @ Bhenda	IntraState	27/06/2020	12.05	27/06/2020	16.15	PO	Quarterly Maintenance Work

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 27/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 28/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	28/06/2020	11.04	28/06/2020	13.14	PO	Abnormal sound observe