

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jun/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	92.962	2341.096	1) Gujrat	13.839	209.038
2) Hydro	11.333	266.706	2) Madhya Pradesh	16.075	183.035
3) Gas	3.014	76.342	3) Chattisgarh	7.310	149.250
Total MSPGCL	107.309	2684.144	4) Maharashtra	149.482	3142.200
B) 1) APML	27.335	966.335	5) Goa (Amona)	0.000	-8.492
2) JSWEL	17.422	437.155	Total	186.706	3675.031
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.176	537.108
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.459	510.761
5) WPCL	2.690	67.783	c) MSEDCL Bilateral *	60.321	1022.272
6) Other IPP	6.594	195.732	Include PX	35.860	399.658
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.176	537.108
C) 1) TPCL Thermal	8.715	214.774	Include PX	14.969	345.413
2) TPCL Hydro	5.329	119.231	Standby	0.000	0.000
3) TPCL Gas	4.382	114.098	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.915	260.912	1) MSEDCL	338.042	8390.468
D) STATE			2) Mumbai Discoms	51.800	1219.770
1) Thermal	165.633	4483.787	TOTAL STATE	389.842	9610.238
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	16.662	385.937			
3) Gas (A3+B7+C3)	7.396	190.440			
4) Wind	7.645	726.054			
6) SOLAR	5.800	148.995			
TOTAL STATE	203.136	5935.213			

* 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 5 Hrs
MSPGCL Thermal	3909	3907	3910	3915
MSPGCL Hydro	581	329	985	219
MSPGCL Gas	124	120	123	127
MSPGCL Total Generation	4614	4356	5018	4261
Central Sector Receipt	8845	8732	7180	6775
WIND	142	286	470	270
CPP / IPP Thermal	2150	2293	2295	2358
CPP / IPP Gas	0	0	0	0
SOLAR	584	474	0	0
Exchange with Mumbai	-1183	-1104	-710	-689
MSEDCL DEMAND MET	15152	15037	14253	12975
Load Shedding	0	0	0	0
MSEDCL DEMAND	15152	15037	14253	12975
TPCL GENERATION	566	889	994	750
AEML GENERATION	373	373	416	453
MUMBAI DEMAND	2122	2366	2120	1892
STATE DEMAND MET	17274	17403	16373	14867
STATE DEMAND	17274	17403	16373	14867
Frequency (Hz)	49.99	49.96	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 08.02 Hrs	49.79 Hz at 15.48 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 26/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	10.18	33.44	482	355
Unit 10	6.36	24.57	420	0
Total	16.54	58.02		
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	4.12	93.14	183	162
Unit 4	3.85	88.20	164	160
Unit 5	9.37	213.54	430	360
Unit 6	10.03	227.73	450	360
Unit 7	0.00	223.62	0	0
Unit 8	7.13	262.37	420	180
Unit 9	10.49	261.00	480	360
Total	44.98	1369.61		
Paras				
Unit 3	4.68	110.57	230	181
Unit 4	4.59	114.38	214	172
Total	9.27	224.95		
Khaparkheda				
Unit 1	3.16	102.07	170	0
Unit 2	0.00	89.82	0	0
Unit 3	4.30	103.46	190	158
Unit 4	4.21	107.86	195	160
Unit 5	10.50	275.80	490	365
Total	22.16	679.01		
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	3.01	76.34	138	116
Total	3.01	76.34		
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)	0.10	3.14	25	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	3.14		
Koyna				
Stage 1-2	4.24	95.51	530	35
Stage 4	2.87	75.71	557	0
Stage 3	1.82	40.99	160	0
Total	8.93	212.21		
Hydro				
KDPH	0.67	12.20	28	28
VTRNA	0.00	0.00	0	0
TILLARI	0.67	16.89	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.37	4.27	40	0
RNGR+BHTSA	0.25	5.94	11	10
BHANDARDRA	0.40	11.00	31	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	4.19	11	0
GHATGHAR	0.00	0.00	0	0
Total	2.41	54.50		
Wind				
Total	7.64	726.05	0	0
Total	7.64	726.05		
CPP				
APML(Mus)	27.34	966.34	0	0
JSWEL(Mus)	17.42	437.16	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.69	67.78	0	0
Other(Mus)	6.59	195.73	0	0
Total	54.04	1667.00		
SOLAR				
Total	5.80	149.00	0	0
Total	5.80	149.00		
Tata				
Trombay 5	8.72	214.77	473	309
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	72.87	118	116
Trombay 7B	1.57	41.22	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.33	119.23	443	50
Total	18.43	448.10		
AEML				
DTPS U-1&2	9.92	260.91	501	373
Total	9.92	260.91		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	92.96	2341.10	MSPGCL Total	107.31	2684.14
			MSPGCL Thml+Gas	95.98	2417.44	Koyna 1,2 & 4 Total	7.11	171.22
			MSPGCL Hydro	11.33	266.71	State Total	203.14	5935.21

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/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	3993	789	125	4907	745	2347	0	0	6998	6950	-844	14105	0	14105	2288	16393	50.01
2	3982	181	136	4299	747	2349	0	0	6869	6814	-862	13347	0	13347	2129	15476	50.00
3	3953	164	126	4243	484	2325	0	0	7047	6879	-987	12944	0	12944	1994	14938	49.99
4	3894	234	127	4255	365	2340	0	0	6775	6936	-914	12982	0	12982	1923	14905	50.02
5	3915	219	127	4261	270	2358	0	0	7067	6775	-689	12975	0	12975	1892	14867	50.00
6	4107	164	126	4397	152	2347	0	0	7702	7497	-618	13775	0	13775	1857	15632	49.99
7	3887	194	138	4219	132	2293	0	45	8635	8247	-812	14124	0	14124	1790	15914	50.04
8	3804	196	126	4126	138	2048	0	169	8965	8651	-908	14224	0	14224	1871	16095	49.99
9	3826	222	126	4174	94	1915	0	390	9022	8994	-1107	14460	0	14460	2024	16484	50.03
10	3909	581	124	4614	142	2150	0	584	8688	8845	-1183	15152	0	15152	2122	17274	49.99
11	3863	219	124	4206	183	2243	0	749	8994	8619	-1265	14735	0	14735	2279	17014	50.00
12	3572	220	133	3925	146	2142	0	839	9304	9117	-1392	14777	0	14777	2385	17162	50.04
13	3620	199	122	3941	138	2132	0	791	9165	9171	-1377	14796	0	14796	2384	17180	50.00
14	3550	203	121	3874	204	2139	0	769	9081	8882	-1348	14520	0	14520	2349	16869	50.03
15	3707	259	123	4089	261	2163	0	645	8964	9020	-1241	14937	0	14937	2419	17356	49.98
16	3907	329	120	4356	286	2293	0	474	8768	8732	-1104	15037	0	15037	2366	17403	49.96
17	3852	400	121	4373	254	2323	0	249	8231	8076	-1005	14270	0	14270	2279	16549	49.96
18	3869	522	122	4513	402	2304	0	82	7618	7653	-1042	13912	0	13912	2139	16051	50.00
19	3879	271	124	4274	575	2286	0	14	7212	7309	-896	13562	0	13562	2057	15619	50.01
20	3910	985	123	5018	470	2295	0	0	6834	7180	-710	14253	0	14253	2120	16373	50.00
21	3966	1163	125	5254	507	2312	0	0	6658	6680	-691	14062	0	14062	2222	16284	50.00
22	3949	1258	134	5341	385	2379	0	0	6277	6493	-728	13870	0	13870	2255	16125	50.00
23	4026	1192	125	5343	295	2318	0	0	6496	6627	-838	13745	0	13745	2320	16065	49.99
24	4022	1169	116	5307	270	2240	0	0	6507	6559	-898	13478	0	13478	2336	15814	50.02
MUs	92.96	11.33	3.01	107.31	7.64	54.04	0.00	5.80	187.88	186.71	-23.46	338.04	0.00	338.04	51.80	389.84	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 26/Jun/2020

Position as on 6.30 Hrs of 27/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 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Uran Unit B0	120	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 26/Jun/2020

Position as on 6.30 Hrs of 27/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 10	660	03/06/2020	02.20	26/06/2020	03.11	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	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	Khaparkheda Unit 1	210	26/06/2020	09.02	26/06/2020	11.55	Drum level low	
MSPGCL	Uran Unit 6	108	27/06/2020	00.00		Continued.	Air Filter Replacement and Boiler side steam leakages	
MSPGCL	Uran Unit A0	120	27/06/2020	00.00		Continued.	Air Filter Replacement and Boiler side steam leakages	
MSPGCL	Khaparkheda Unit 4	210	27/06/2020	00.33		Continued.	Suspected Boiler Tube Leakage	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 27/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
Waluj Aurangabad(PG) II	InterState	26/06/2020	10.17	26/06/2020	16.42	EO	Attending Hot Spot
Dhule Sar'Sarovar I	InterState	26/06/2020	21.58		Continued.	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
Khadka-Aurangabad (Waluj)	IntraState	24/06/2020	19.47	26/06/2020	14.11	HT	Over Voltage
Karad - Jaigad - II	IntraState	24/06/2020	22.06		Continued.	HT	Over Voltage
Dhule - Bableswhar - II	IntraState	25/06/2020	18.04	26/06/2020	08.17	HT	Over Voltage
Padghe - Nagothane - I	IntraState	25/06/2020	19.20		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	25/06/2020	19.26		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/06/2020	20.07	26/06/2020	09.07	HT	Over Voltage
Ektuni-Taptitanda II	IntraState	26/06/2020	14.25	26/06/2020	18.33	PO	Quarterly maintenance , CT Tan d measurement.
Bhusawal-Aurangabad	IntraState	26/06/2020	16.47		Continued.	HT	Over Voltage
Dhule- Bableswhar - I	IntraState	26/06/2020	17.30		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt I	IntraState	27/06/2020	01.07		Continued.	T	Distance Protection
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 315 MVA ICT -I @New Koyna	IntraState	26/06/2020	09.08	26/06/2020	17.59	PO	For replacement of faulty cables from CT to CT MB of R Ph & B Ph CT of 220KV side.
400/220/33 Kv 315 MVA ICT-3 @Padghe	IntraState	26/06/2020	11.01	26/06/2020	18.53	PO	For attending hot spot of R Ph CT Clamp & Y Ph CT to stub bus damage jumper replacement work.
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	26/06/2020	10.03	26/06/2020	19.15	PO	Maintenance work by GETCO.
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
Miraj - Mhaishal	IntraState	24/06/2020	11.24	24/06/2020	Continued.	PO	Jumper Replacement Work & Quarterly Maintenance Work
Nagothane - Posco	IntraState	26/06/2020	09.33	26/06/2020	18.30	PO	Insulator string replace.
Lonikand-VSNL	IntraState	26/06/2020	09.47	26/06/2020	19.55	PO	Work of putting OPGW in place of existing 7/3.15 mm sq normal earth wire in r/o MTCIL.
Vsnl-512 Khadki	IntraState	26/06/2020	09.47	26/06/2020	19.57	PO	Work of putting OPGW in place of existing 7/3.15 mm sq normal earth wire in r/o MTCIL.
Vasai Kamba	IntraState	26/06/2020	10.15	26/06/2020	12.11	PO	For attending hotspot of lower palm of circuit breaker.
Vita - Mhaishal	IntraState	26/06/2020	11.38	26/06/2020	13.43	PO	NT switch replacement work.
Butibori-Butibori Rly Tss	IntraState	26/06/2020	11.51	26/06/2020	16.10	PO	Commissioning Of L & T make amr Meter panel.
Padghe - Jambhul 1	IntraState	26/06/2020	12.27	26/06/2020	16.14	PO	for attending hot spot on R & B ph CT.
Vita-Khanapur(Mahuli Tap)	IntraState	26/06/2020	14.22	26/06/2020	17.19	PO	Relay testing 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 26/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 27/Jun/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
K'Kheda- Suryalakshmi	IntraState	26/06/2020	15.16	26/06/2020	16.24	EO	work end Suryalakshmi end only.
Koradi-Butibori Rly Tss	IntraState	26/06/2020	16.55	26/06/2020	17.55	PO	Commissioning of L & T make Amr meter panel.
Aurangabad PG (Chitepimpalgaon)-Shedra I	IntraState	26/06/2020	19.29	26/06/2020	22.50	T	Tripped on DP at Shendra end cb trial taken and charged.
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.
220/132kv 100mva Ict 1 @Peth	IntraState	26/06/2020	09.30	26/06/2020	11.49	PO	Attending Oil Leakage