

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Jun/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	91.638	2526.183	1) Gujrat	12.585	232.769
2) Hydro	6.464	284.453	2) Madhya Pradesh	13.568	212.371
3) Gas	2.115	78.498	3) Chattisgarh	7.160	163.960
Total MSPGCL	100.217	2889.134	4) Maharashtra	150.610	3444.673
B) 1) APML	26.658	1020.844	5) Goa (Amona)	-0.352	-9.020
2) JSWEL	17.291	472.305	Total	183.571	4044.753
3) VIPL	0.000	0.000	a) Mumbai Schedule	26.993	588.436
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	26.138	559.411
5) WPCL	2.535	73.023	c) MSEDCL Bilateral *	52.515	1125.381
6) Other IPP	6.830	209.675	Include PX	27.884	453.467
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	26.993	588.436
C) 1) TPCL Thermal	7.412	231.300	Include PX	20.151	382.988
2) TPCL Hydro	4.029	127.616	Standby	0.000	0.000
3) TPCL Gas	4.384	122.871	H) ENERGY CATERED (MUs)		
4) AEML Thermal	4.908	275.691	1) MSEDCL	324.107	9051.239
D) STATE			2) Mumbai Discoms	46.871	1316.883
1) Thermal	157.272	4809.021	TOTAL STATE	370.978	10368.122
(A1+C1+C4+(B1-B6))					
2) Hydro	10.493	412.069			
(A2+C2)					
3) Gas	6.499	201.369			
(A3+B7+C3)					
4) Wind	7.603	741.018			
6) SOLAR	5.540	159.898			
TOTAL STATE	187.407	6323.375			

* 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 15 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3792	3563	4157	3931
MSPGCL Hydro	355	202	193	318
MSPGCL Gas	73	125	138	48
MSPGCL Total Generation	4220	3890	4488	4297
Central Sector Receipt	8384	8513	6710	7029
WIND	126	233	848	119
CPP / IPP Thermal	2289	1986	2349	2323
CPP / IPP Gas	0	0	0	0
SOLAR	441	556	0	0
Exchange with Mumbai	-1133	-1030	-921	-1200
MSEDCL DEMAND MET	14327	14148	13474	12568
Load Shedding	0	0	0	0
MSEDCL DEMAND	14327	14148	13474	12568
TPCL GENERATION	491	785	943	492
AEML GENERATION	201	193	193	193
MUMBAI DEMAND	1825	2008	2057	1885
STATE DEMAND MET	16152	16156	15531	14453
STATE DEMAND	16152	16156	15531	14453
Frequency (Hz)	50.03	49.94	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 18.02 Hrs	49.83 Hz at 05.32 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 28/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	10.64	53.05	462	405
Unit 10	9.73	43.64	420	380
Total	20.37	96.70		
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	4.17	101.56	185	163
Unit 4	3.88	95.99	165	159
Unit 5	9.43	232.95	430	360
Unit 6	9.40	247.16	440	350
Unit 7	0.00	223.62	0	0
Unit 8	9.69	280.99	465	360
Unit 9	10.09	281.96	470	360
Total	46.66	1464.24		
Paras				
Unit 3	4.56	120.17	210	172
Unit 4	5.06	124.39	245	190
Total	9.62	244.56		
Khaparkheda				
Unit 1	3.64	109.32	165	130
Unit 2	0.00	89.82	0	0
Unit 3	0.00	106.45	0	0
Unit 4	1.47	109.41	190	0
Unit 5	9.87	296.18	450	360
Total	14.99	711.18		
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	2.12	78.50	138	0
Total	2.12	78.50		
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)	0.03	3.19	19	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.03	3.19		
Koyna				
Stage 1-2	2.94	102.54	530	40
Stage 4	0.09	78.96	91	0
Stage 3	1.24	44.07	100	0
Total	4.27	225.57		
Hydro				
KDPH	0.67	13.54	28	28
VTRNA	0.00	0.00	0	0
TILLARI	0.55	17.96	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	4.89	40	0
RNGR+BHTSA	0.24	6.42	11	10
BHANDARDRA	0.38	11.78	31	9
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.05	4.30	11	0
GHATGHAR	0.00	0.00	0	0
Total	2.20	58.88		
Wind				
Total	7.60	741.02	0	0
Total	7.60	741.02		
CPP				
APML(Mus)	26.66	1020.84	0	0
JSWEL(Mus)	17.29	472.30	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.54	73.02	0	0
Other(Mus)	6.83	209.68	0	0
Total	53.31	1775.85		
SOLAR				
Total	5.54	159.90	0	0
Total	5.54	159.90		
Tata				
Trombay 5	7.41	231.30	459	290
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	78.49	118	116
Trombay 7B	1.58	44.38	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.03	127.62	459	4
Total	15.82	481.79		
AEML				
DTPS U-1&2	4.91	275.69	253	191
Total	4.91	275.69		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	91.64	2526.18	MSPGCL Total	100.22	2889.13
			MSPGCL Thml+Gas	93.75	2604.68	Koyna 1,2 & 4 Total	3.03	181.50
			MSPGCL Hydro	6.46	284.45	State Total	187.41	6323.38

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/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	3926	209	63	4198	536	2386	0	0	7271	7260	-1262	13118	0	13118	2308	15426	50.00
2	3922	198	76	4196	382	2357	0	0	7076	7201	-1208	12928	0	12928	2127	15055	50.01
3	3933	278	80	4291	275	2298	0	0	7060	7070	-1287	12647	0	12647	1980	14627	50.03
4	3931	318	48	4297	119	2323	0	0	7041	7029	-1200	12568	0	12568	1885	14453	50.00
5	3899	408	0	4307	82	2326	0	0	7121	7081	-1122	12674	0	12674	1810	14484	49.99
6	3904	263	0	4167	99	2334	0	0	7796	7678	-1071	13207	0	13207	1786	14993	49.98
7	3911	209	0	4120	94	2344	0	44	8465	8358	-1049	13911	0	13911	1729	15640	50.03
8	3836	238	21	4095	88	2362	0	143	8596	8139	-1048	13779	0	13779	1727	15506	50.05
9	3530	273	44	3847	150	2284	0	283	8666	8374	-1069	13869	0	13869	1777	15646	50.07
10	3792	355	73	4220	126	2289	0	441	8354	8384	-1133	14327	0	14327	1825	16152	50.03
11	3681	230	77	3988	121	2178	0	676	8749	8098	-1144	13917	0	13917	1874	15791	49.98
12	3548	214	89	3851	125	1932	0	798	8916	8553	-1174	14085	0	14085	1917	16002	49.98
13	3554	189	126	3869	178	1932	0	882	8624	8326	-1191	13996	0	13996	1938	15934	50.01
14	3535	183	126	3844	214	1922	0	718	8422	8504	-1220	13982	0	13982	1958	15940	50.00
15	3563	202	125	3890	233	1986	0	556	8447	8513	-1030	14148	0	14148	2008	16156	49.94
16	3562	132	126	3820	349	2001	0	452	8791	8322	-1024	13920	0	13920	1965	15885	50.00
17	3625	137	137	3899	409	1947	0	356	8296	8137	-921	13827	0	13827	1893	15720	50.02
18	3632	287	127	4046	426	1961	0	167	7580	7661	-1029	13232	0	13232	1832	15064	50.03
19	3780	358	127	4265	615	2181	0	24	7143	7201	-1027	13259	0	13259	1823	15082	50.02
20	3997	207	127	4331	612	2351	0	0	7259	7090	-823	13561	0	13561	1948	15509	50.03
21	4157	193	138	4488	848	2349	0	0	6683	6710	-921	13474	0	13474	2057	15531	50.00
22	4179	243	128	4550	688	2429	0	0	6502	6625	-1006	13286	0	13286	2136	15422	49.92
23	4135	392	128	4655	435	2430	0	0	6435	6809	-1094	13235	0	13235	2231	15466	49.97
24	4106	748	129	4983	399	2412	0	0	6457	6448	-1085	13157	0	13157	2337	15494	49.99
MUs	91.64	6.46	2.12	100.22	7.60	53.31	0.00	5.54	185.75	183.57	-26.14	324.11	0.00	324.11	46.87	370.98	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 28/Jun/2020

Position as on 6.30 Hrs of 29/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	29/06/2020	07.09	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 28/Jun/2020

Position as on 6.30 Hrs of 29/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	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 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/Trippings for 28/Jun/2020

Statement-VII

Position as on 6.30 Hrs of 29/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
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- Bableshwar - 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 - Bableshwar - II	IntraState	28/06/2020	13.41		Continued.	T	Distance Protection(RFC 18.58Hrs)
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)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Ghatghar - Bapgaon	IntraState	27/06/2020	17.25		Continued.	T	Conductor Snap.
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/Trippings							
220/132 kV 100MVA ICT-I @ Shivajinagar	IntraState	13/06/2020	01.24		Continued.	T	Differential protection & main Buchholz trip.
200 MVA 220/132 KV ICT - 2 @VIRODA	IntraState	28/06/2020	11.04	28/06/2020	13.14	PO	Abnormal sound observe

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