

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.655	2577.676	1) Gujrat	7.337	186.762
2) Hydro	3.861	445.408	2) Madhya Pradesh	11.675	332.177
3) Gas	3.249	173.235	3) Chattisgarh	4.680	207.700
Total MSPGCL	138.765	3196.319	4) Maharashtra	129.171	3783.397
B) 1) APMIL	63.654	1899.148	5) Goa (Amona)	-0.418	-13.332
2) JSWEL	16.263	456.700	Total	152.445	4496.704
3) VIPL	0.000	0.000	a) Mumbai Schedule	24.883	656.390
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.100	653.001
5) WPCL	2.525	74.653	c) MSEDCL Bilateral *	49.442	1466.415
6) Other IPP	7.553	232.295	Include PX	23.958	768.228
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	24.883	656.390
C) 1) TPCL Thermal	7.358	197.250	Include PX	16.223	456.116
2) TPCL Hydro	5.054	144.560	Standby	0.000	0.000
3) TPCL Gas	4.385	122.928	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.172	283.949	1) MSEDCL	406.268	10523.213
D) STATE			2) Mumbai Discoms	51.070	1401.682
1) Thermal	238.180	5721.671	TOTAL STATE	457.338	11924.895
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	8.915	589.968			
3) Gas (A3+B7+C3)	7.634	296.163			
4) Wind	41.899	613.231			
6) SOLAR	8.264	207.164			
TOTAL STATE	304.892	7428.197			

* 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 16 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5385	5983	5714	5087
MSPGCL Hydro	201	151	142	123
MSPGCL Gas	138	129	133	133
MSPGCL Total Generation	5724	6263	5989	5343
Central Sector Receipt	7225	7659	5101	6121
WIND	1313	1499	1740	2032
CPP / IPP Thermal	3669	3877	3860	3616
CPP / IPP Gas	0	0	0	0
SOLAR	1136	696	0	0
Exchange with Mumbai	-1145	-970	-943	-1080
MSEDCL DEMAND MET	17922	19024	15747	16032
Load Shedding	0	0	0	0
MSEDCL DEMAND	17922	19024	15747	16032
TPCL GENERATION	571	919	941	616
AEML GENERATION	375	375	375	375
MUMBAI DEMAND	2091	2264	2259	2071
STATE DEMAND MET	20013	21288	18006	18103
STATE DEMAND	20013	21288	18006	18103
Frequency (Hz)	49.96	50.05	50.02	50.05

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.29 Hz at 18.03 Hrs	49.55 Hz at 17.27 Hrs	50.03	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/May/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	10.89	28.21	488	372
Unit 9	11.20	162.66	497	463
Unit 10	10.07	15.48	460	320
Total	32.16	206.34		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.71	9.71	490	300
Total	8.71	9.71		
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	7.59	0	0
Unit 8	4.82	64.10	236	195
Total	4.82	71.69		
Chandrapur				
Unit 3	4.07	70.00	190	163
Unit 4	3.90	47.74	170	160
Unit 5	9.12	150.21	439	360
Unit 6	9.14	274.97	451	360
Unit 7	9.20	194.11	455	360
Unit 8	9.40	307.62	500	360
Unit 9	9.05	287.01	432	360
Total	53.87	1331.67		
Paras				
Unit 3	2.24	125.34	247	0
Unit 4	3.57	136.29	256	0
Total	5.81	261.63		
Khaparkheda				
Unit 1	3.88	68.56	175	135
Unit 2	4.12	104.26	185	160
Unit 3	4.18	99.77	195	158
Unit 4	4.10	120.48	190	160
Unit 5	10.00	303.55	500	360
Total	26.28	696.63		
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	3.25	173.24	145	127
Total	3.25	173.24		
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)	0.07	7.22	38	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	7.22		
Koyna				
Stage 1-2	1.26	135.98	155	40
Stage 4	0.00	173.38	0	0
Stage 3	0.00	68.26	0	0
Total	1.26	377.61		
Hydro				
KDPH	0.72	20.79	30	30
VTRNA	0.00	0.00	0	0
TILLARI	0.30	0.43	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	7.84	50	0
RNGR+BHTSA	0.27	7.81	12	11
BHANDARDRA	0.44	12.80	35	11
ELDARY	0.00	3.36	0	0
SMLHY_PTN	0.57	14.78	34	21
GHATGHAR	0.00	0.00	0	0
Total	2.60	67.80		
Wind				
Total	41.90	613.23	0	0
Total	41.90	613.23		
CPP				
APML(Mus)	63.65	1899.15	0	0
JSWEL(Mus)	16.26	456.70	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.52	74.65	0	0
Other(Mus)	7.55	232.30	0	0
Total	90.00	2662.80		
SOLAR				
Total	8.26	207.16	0	0
Total	8.26	207.16		
Tata				
Trombay 5	7.36	197.25	310	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	78.58	118	117
Trombay 7B	1.58	44.35	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.05	144.56	454	41
Total	16.80	464.74		
AEML				
DTPS U-1&2	9.17	283.95	487	374
Total	9.17	283.95		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.66	2577.68	MSPGCL Total	138.76	3196.32
			MSPGCL Thml+Gas	134.90	2750.91	Koyna 1,2 & 4 Total	1.26	309.35
			MSPGCL Hydro	3.86	445.41	State Total	304.89	7428.20

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 28/May/2020

Annexure-2

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	5779	123	144	6046	2128	4017	0	0	5982	5659	-1108	16742	0	16742	2420	19162	50.01
2	5615	118	134	5867	2038	3840	0	0	5938	5795	-1096	16444	0	16444	2298	18742	50.04
3	5121	128	145	5394	2166	3748	0	0	6186	5896	-1025	16179	0	16179	2166	18345	50.03
4	5087	123	133	5343	2032	3616	0	0	6028	6121	-1080	16032	0	16032	2071	18103	50.05
5	5232	118	143	5493	2054	3720	0	0	6087	5979	-1030	16216	0	16216	2007	18223	50.03
6	5296	126	133	5555	2378	3793	0	0	6599	6575	-1002	17299	0	17299	1977	19276	50.01
7	5248	144	143	5535	2031	3783	0	59	7260	6941	-927	17422	0	17422	1880	19302	50.04
8	5176	123	133	5432	1741	3587	0	284	6960	6763	-940	16867	0	16867	1872	18739	50.11
9	5248	118	141	5507	1776	3295	0	576	6506	6590	-985	16759	0	16759	1931	18690	50.03
10	5283	179	130	5592	1442	3599	0	811	6591	6667	-1057	17054	0	17054	2003	19057	49.99
11	5341	190	129	5660	1438	3691	0	981	6894	6836	-1093	17513	0	17513	2064	19577	50.02
12	5385	201	138	5724	1313	3669	0	1136	7282	7225	-1145	17922	0	17922	2091	20013	49.96
13	5383	165	128	5676	1394	3633	0	1042	7563	7460	-1163	18042	0	18042	2106	20148	49.98
14	5394	185	127	5706	1276	3575	0	1021	7527	7678	-1191	18065	0	18065	2133	20198	50.00
15	5798	151	138	6087	1254	3769	0	916	7662	7451	-996	18481	0	18481	2222	20703	49.99
16	5983	151	129	6263	1499	3877	0	696	7682	7659	-970	19024	0	19024	2264	21288	50.05
17	5555	184	139	5878	1557	3839	0	484	7399	7275	-904	18129	0	18129	2186	20315	50.03
18	5317	289	130	5736	1767	3711	0	212	6559	6498	-1031	16893	0	16893	2030	18923	49.96
19	5376	223	131	5730	1903	3685	0	46	5105	5414	-1037	15741	0	15741	1939	17680	50.13
20	5462	253	142	5857	1776	3590	0	0	4877	5193	-1106	15310	0	15310	2073	17383	50.08
21	5586	176	132	5894	1804	3855	0	0	4969	4903	-1063	15393	0	15393	2169	17562	50.04
22	5714	142	133	5989	1740	3860	0	0	4820	5101	-943	15747	0	15747	2259	18006	50.02
23	6026	130	142	6298	1709	3981	0	0	5011	5357	-1110	16235	0	16235	2421	18656	50.03
24	6250	121	132	6503	1683	4262	0	0	5190	5409	-1098	16759	0	16759	2487	19246	50.02
MUs	131.66	3.86	3.25	138.77	41.90	90.00	0.00	8.26	152.68	152.44	-25.10	406.27	0.00	406.27	51.07	457.34	50.03

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/May/2020

Position as on 6.30 Hrs of 29/May/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	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
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	Paras Unit 3	250	26/05/2020	08.30	28/05/2020	10.10	CHP Belt snapped	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/May/2020

Position as on 6.30 Hrs of 29/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Paras Unit 4	250	26/05/2020	17.50	28/05/2020	07.22	CHP Belt problem	
MSPGCL	Koyna STG-IV Unit-3	250	28/05/2020	11.30		Continued.	Valve Replacement Work.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 28/May/2020

Statement-VII

Position as on 6.30 Hrs of 29/May/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
Dhule Sar'Sarovar I	InterState	23/05/2020	17.55		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot(RFC 29.04.2020 Over voltage).
Khadka-Aurangabad (Waluj)	IntraState	27/05/2020	17.02		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/05/2020	18.08	28/05/2020	08.30	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	28/05/2020	07.37	28/05/2020	22.39	PO	LOC.768 B R-Ph, Decapped Insulated String Replacement Work.
Jaigad-New Koyna Ckt-I	IntraState	28/05/2020	08.37	28/05/2020	20.54	PO	Pre-monsoon Maintenance Work.
Koradi-Bhusawal	IntraState	28/05/2020	10.58	28/05/2020	15.13	PO	CB Overhauling Work.
Karad-Jaigad - I	IntraState	28/05/2020	19.54	29/05/2020	08.16	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.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220 Kv 500 MVA ICT II @Jejuri	IntraState	28/05/2020	08.45	28/05/2020	19.15	PO	Pre-monsoon Maintenance Work.
400/220KV 105MVASpare ICT@Akola (M)	IntraState	28/05/2020	08.55	28/05/2020	13.43	PO	Pre-Monsoon Maintenance Work & Testing Work.
400/220KV 500MVA ICT-I @Nanded	IntraState	28/05/2020	09.05	28/05/2020	12.11	PO	Pre-monsoon Maintenance Work.
400/220/33 Kv 315 MVA ICT-II @Aurangabad (Waluj)	IntraState	28/05/2020	09.55	28/05/2020	16.58	PO	Pre-monsoon Maintenance Work.
400/220 Kv 500MVA ICT-I @ Alkud	IntraState	28/05/2020	17.09	28/05/2020	21.59	PO	Pre-monsoon Maintenance 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)
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
Urse-Chinchwad (ST tap)	IntraState	28/05/2020	02.31	28/05/2020	5.51	T	Y PH CB pole stuck up at Chinchwad end.
K'Kheda- Suryalakshmi	IntraState	28/05/2020	07.05	28/05/2020	15.06	PO	Fixing Of Nut-Bolt At Various Location & Replacement of insulator string.
Oni Kharepatan Line	IntraState	28/05/2020	08.10	28/05/2020	13.48	PO	Pre-monsoon Maintenance Work.
Dahanu-Viraj	IntraState	28/05/2020	09.08	28/05/2020	12.48	PO	Pre-monsoon Maintenance Work.
Shirsuphal-Kurkumbh	IntraState	28/05/2020	09.21	28/05/2020	18.28	PO	Pre-monsoon Maintenance Work.
Colourchem - Temghar	IntraState	28/05/2020	09.58	28/05/2020	13.40	PO	Pre-monsoon Maintenance Work.
Lonand-Baramati	IntraState	28/05/2020	10.22	28/05/2020	11.34	PO	Plastic Removed.
Uran - Apta II	IntraState	28/05/2020	10.32	28/05/2020	16.50	PO	Earthwire Replacement Work.
Boisar-Viraj	IntraState	28/05/2020	14.04	28/05/2020	17.25	PO	Pre-monsoon Maintenance Work.
Trombay - Mulund	IntraState	28/05/2020	15.00	28/05/2020	17.01	PO	Pre-monsoon Maintenance Work.
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	28/05/2020	16.42	28/05/2020	17.05	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Cgl Ptr No 5 @Parvati	IntraState	28/05/2020	08.30	28/05/2020	11.43	PO	Pre-monsoon Maintenance Work.
220/33kv 125 MVA T/F-III @ Goregaon	IntraState	28/05/2020	09.45	28/05/2020	11.16	PO	Pre-monsoon Maintenance Work.
220/132 Kv 100mva Cgl Ptr No 6 @Chinchwad	IntraState	28/05/2020	10.46	28/05/2020	19.00	PO	Pre-monsoon 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 28/May/2020

Statement-VII

Position as on 6.30 Hrs of 29/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	28/05/2020	13.28		Continued.	PO	Oil Filtration Work.