

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/May/2020 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	144.444	2722.120	1) Gujrat	6.923	193.685
2) Hydro	4.705	450.113	2) Madhya Pradesh	11.235	343.412
3) Gas	3.244	176.479	3) Chattisgarh	4.570	212.270
Total MSPGCL	152.393	3348.712	4) Maharashtra	117.104	3900.501
B) 1) APML	70.978	1970.126	5) Goa (Amona)	-0.462	-13.794
2) JSWEL	16.805	473.505	Total	139.370	4636.074
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.115	681.505
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.393	677.394
5) WPCL	2.699	77.352	c) MSEDCL Bilateral *	40.789	1507.204
6) Other IPP	8.319	240.614	Include PX	13.210	781.438
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.115	681.505
C) 1) TPCL Thermal	7.992	205.242	Include PX	16.324	472.440
2) TPCL Hydro	5.300	149.860	Standby	0.000	0.000
3) TPCL Gas	4.378	127.306	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.189	294.138	1) MSEDCL	410.957	10934.170
D) STATE			2) Mumbai Discoms	52.252	1453.934
1) Thermal	261.426	5983.097	TOTAL STATE	463.209	12388.104
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	10.005	599.973			
3) Gas (A3+B7+C3)	7.622	303.785			
4) Wind	36.823	650.054			
6) SOLAR	7.963	215.127			
TOTAL STATE	323.839	7752.036			

* 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 5 Hrs
MSPGCL Thermal	6167	6176	5708	5951
MSPGCL Hydro	237	258	463	114
MSPGCL Gas	138	127	141	143
MSPGCL Total Generation	6542	6561	6312	6208
Central Sector Receipt	6779	7245	4864	5528
WIND	813	1196	1882	1794
CPP / IPP Thermal	4184	4190	3806	3890
CPP / IPP Gas	0	0	0	0
SOLAR	1010	694	0	0
Exchange with Mumbai	-1159	-791	-990	-1097
MSEDCL DEMAND MET	18169	19095	15874	16323
Load Shedding	0	0	0	0
MSEDCL DEMAND	18169	19095	15874	16323
TPCL GENERATION	576	1075	947	555
AEML GENERATION	434	502	387	374
MUMBAI DEMAND	2169	2368	2324	2026
STATE DEMAND MET	20338	21463	18198	18349
STATE DEMAND	20338	21463	18198	18349
Frequency (Hz)	50.01	49.95	49.96	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 18:01 Hrs	49.77 Hz at 14:21 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 29/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	9.36	37.57	472	338
Unit 9	11.67	174.33	554	435
Unit 10	9.42	24.90	420	340
Total	30.46	236.80		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.36	20.07	500	355
Total	10.36	20.07		
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	5.11	69.20	246	187
Total	5.11	76.79		
Chandrapur				
Unit 3	4.33	74.33	185	163
Unit 4	3.91	51.65	167	152
Unit 5	10.03	160.24	440	365
Unit 6	9.73	284.70	426	317
Unit 7	10.13	204.24	446	365
Unit 8	10.74	318.37	490	270
Unit 9	10.07	297.08	450	360
Total	58.95	1390.62		
Paras				
Unit 3	5.82	131.16	250	190
Unit 4	5.90	142.19	256	200
Total	11.72	273.35		
Khaparkheda				
Unit 1	4.00	72.57	180	140
Unit 2	4.21	108.47	185	160
Unit 3	4.49	104.27	195	158
Unit 4	4.29	124.76	185	161
Unit 5	10.86	314.41	495	365
Total	27.85	724.48		
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	3.24	176.48	144	127
Total	3.24	176.48		
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)	0.18	7.40	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	7.40		
Koyna				
Stage 1-2	2.04	138.02	340	40
Stage 4	0.19	173.57	189	0
Stage 3	0.10	68.36	80	0
Total	2.33	379.94		
Hydro				
KDPH	0.70	21.48	29	29
VTRNA	0.00	0.00	0	0
TILLARI	0.39	0.82	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	8.08	80	0
RNGR+BHTSA	0.26	8.07	11	11
BHANDARDRA	0.44	13.23	34	11
ELDARY	0.00	3.36	0	0
SMLHY_PTN	0.35	15.13	23	12
GHATGHAR	0.00	0.00	0	0
Total	2.38	70.18		
Wind				
Total	36.82	650.05	0	0
Total	36.82	650.05		
CPP				
APML(Mus)	70.98	1970.13	0	0
JSWEL(Mus)	16.80	473.50	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	77.35	0	0
Other(Mus)	8.32	240.61	0	0
Total	98.80	2761.60		
SOLAR				
Total	7.96	215.13	0	0
Total	7.96	215.13		
Tata				
Trombay 5	7.99	205.24	457	302
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	81.38	118	116
Trombay 7B	1.57	45.92	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.30	149.86	459	45
Total	17.67	482.41		
AEML				
DTPS U-1&2	10.19	294.14	504	373
Total	10.19	294.14		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	144.44	2722.12	MSPGCL Total	152.39	3348.71
			MSPGCL Thml+Gas	147.69	2898.60	Koyna 1,2 & 4 Total	2.23	311.58
			MSPGCL Hydro	4.70	450.11	State Total	323.84	7752.04

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/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	6185	114	142	6441	1699	4312	0	0	5525	5267	-1205	16514	0	16514	2438	18952	49.98
2	6117	109	133	6359	1763	4313	0	0	5429	5444	-1090	16789	0	16789	2293	19082	50.01
3	5991	114	143	6248	1950	4258	0	0	5423	5238	-1100	16594	0	16594	2182	18776	50.08
4	5985	114	133	6232	1846	4075	0	0	5409	5349	-1123	16379	0	16379	2091	18470	50.05
5	5951	114	143	6208	1794	3890	0	0	5413	5528	-1097	16323	0	16323	2026	18349	50.02
6	6181	260	132	6573	1789	4152	0	0	5635	5792	-963	17343	0	17343	1992	19335	49.99
7	6258	223	144	6625	1513	4230	0	71	5991	5981	-792	17628	0	17628	1901	19529	49.98
8	6205	115	133	6453	1471	4197	0	285	5887	5661	-927	17140	0	17140	1889	19029	50.05
9	5885	119	141	6145	1479	4130	0	559	6008	6063	-1015	17361	0	17361	1955	19316	50.03
10	5990	222	130	6342	1220	4071	0	787	6199	6087	-1108	17399	0	17399	2046	19445	50.02
11	6098	186	129	6413	966	4062	0	977	6368	6404	-1163	17659	0	17659	2116	19775	50.02
12	6167	237	138	6542	813	4184	0	1010	6791	6779	-1159	18169	0	18169	2169	20338	50.01
13	6182	119	127	6428	839	4218	0	996	6895	6965	-1046	18400	0	18400	2194	20594	49.98
14	6174	169	127	6470	900	4233	0	971	6992	6865	-991	18448	0	18448	2250	20698	49.97
15	6182	188	137	6507	981	4214	0	892	7021	6897	-800	18691	0	18691	2352	21043	49.92
16	6176	258	127	6561	1196	4190	0	694	7062	7245	-791	19095	0	19095	2368	21463	49.95
17	6155	168	138	6461	1323	4196	0	473	6597	6693	-722	18424	0	18424	2270	20694	50.03
18	6175	168	129	6472	1717	4217	0	208	5638	5596	-1032	17178	0	17178	2088	19266	50.07
19	5803	200	131	6134	2118	4076	0	40	4912	4421	-1079	15710	0	15710	1984	17694	50.06
20	5396	216	141	5753	2080	3673	0	0	4830	4789	-1071	15224	0	15224	2084	17308	49.96
21	5343	234	131	5708	1868	3713	0	0	4936	5004	-910	15383	0	15383	2222	17605	49.95
22	5708	463	141	6312	1882	3806	0	0	4667	4864	-990	15874	0	15874	2324	18198	49.96
23	6232	352	132	6716	1828	4181	0	0	4808	4964	-1035	16654	0	16654	2474	19128	49.97
24	5905	243	142	6290	1788	4210	0	0	5106	5474	-1184	16578	0	16578	2544	19122	49.99
MUs	144.44	4.71	3.24	152.39	36.82	98.80	0.00	7.96	139.54	139.37	-24.39	410.96	0.00	410.96	52.25	463.21	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 29/May/2020

Position as on 6.30 Hrs of 30/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	Koyna STG-IV Unit-3	250	28/05/2020	11.30		Continued.	Valve Replacement Work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/May/2020

Position as on 6.30 Hrs of 30/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 6	500	29/05/2020	23.57		Continued.	Boiler Steaming Validity Extension	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/May/2020

Statement-VII

Position as on 6.30 Hrs of 30/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
Padgha Tarapur I	InterState	30/05/2020	06.35		Continued.	T	Distance Protection
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	29/05/2020	11.04	HT	Over Voltage
Karad-Jaigad - I	IntraState	28/05/2020	19.54	29/05/2020	08.16	HT	Over Voltage
Jaigad-New Koyna Ckt-II	IntraState	29/05/2020	08.29	29/05/2020	19.24	PO	Testing and premonsoon Maint.work
Nagothane - Dabhol-II	IntraState	29/05/2020	09.48		Continued.	PO	Testing and premonsoon Maint.work
Khadka-Aurangabad (Waluj)	IntraState	29/05/2020	17.08		Continued.	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.)
400/220/33 Kv 315 MVA ICT-3 @Padghe	IntraState	29/05/2020	08.50	29/05/2020	22.52	PO	Bushing Diagnostic testing
400/220/33 Kv 500 Mva ICT III @Aurangabad (Waluj)	IntraState	29/05/2020	09.41	29/05/2020	15.06	PO	Routine Maintenance Work
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	29/05/2020	17.20	29/05/2020	19.24	PO	Premonsoon Maint.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
Main Bus Section-I@ Pedambe	IntraState	29/05/2020	06.30	29/05/2020	16.15	PO	Routine Maintenance Work
Trombay - Kalwa	IntraState	29/05/2020	08.26	29/05/2020	12.28	PO	Replacement of Faulty Stack of B Phase LA
karad - Dasgaon	IntraState	29/05/2020	08.36	29/05/2020	20.13	PO	Line Maintenance work
Padghe - Nalasopara	IntraState	29/05/2020	09.36	29/05/2020	15.26	PO	Insulator Replacement Work
Kandalgaon-POSCO	IntraState	29/05/2020	09.40	29/05/2020	16.05	PO	Testing Work
Roma-Bhavegar	IntraState	29/05/2020	10.19	29/05/2020	17.17	PO	Insulator Replacement Work
Vita-Hiwarwadi	IntraState	29/05/2020	10.55	29/05/2020	13.40	PO	Replacement of R Phase Cut Point Jump
sawangi-Phulambri	IntraState	29/05/2020	11.30	29/05/2020	14.16	PO	Tightening of Nut Bolts of Y&B Phase
Urse-Chinchwad (ST tap)	IntraState	30/05/2020	05.28		Continued.	PO	Line Maintenance work
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	28/05/2020	13.28		Continued.	PO	Oil Filtration Work.
220/132 Kv 150 Mva Cgl Ict 3 @Eklahre (Ocr)	IntraState	29/05/2020	09.07	29/05/2020	10.33	PO	Premonsoon Maint.work
220/132 Kv 100 Mva Cgl Ict 1 @Bhugaon	IntraState	29/05/2020	09.40	29/05/2020	12.03	PO	Premonsoon Maint.work
220/33kv 125 MVA Transformer 1 @Gorai R/S	IntraState	29/05/2020	10.07	29/05/2020	11.36	PO	Premonsoon Maint.work
220/100 Kv 100 MVA ICT II @Kandalgaon	IntraState	29/05/2020	10.10	29/05/2020	18.18	PO	NIFPS repairing work
220/33kv 125 Mva Transformer 2 @Gorai R/S	IntraState	29/05/2020	11.51	29/05/2020	16.16	PO	Premonsoon Maint.work
220/100 Kv 200 Mva Aval Ict 2 @Taloja	IntraState	29/05/2020	15.00	29/05/2020	17.23	PO	Premonsoon Maint.work

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