

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/May/2020 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.490	2857.610	1) Gujrat	8.685	202.370
2) Hydro	9.192	459.305	2) Madhya Pradesh	13.636	357.048
3) Gas	3.202	179.681	3) Chattisgarh	5.290	217.560
Total MSPGCL	147.884	3496.596	4) Maharashtra	127.084	4027.585
B) 1) APML	73.968	2044.094	5) Goa (Amona)	-0.440	-14.234
2) JSWEL	16.447	489.952	Total	154.255	4790.329
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.476	706.981
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.917	701.311
5) WPCL	2.695	80.047	c) MSEDCL Bilateral *	50.291	1557.495
6) Other IPP	8.672	249.286	Include PX	24.007	805.445
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.476	706.981
C) 1) TPCL Thermal	7.672	212.914	Include PX	16.227	488.667
2) TPCL Hydro	5.361	155.221	Standby	0.000	0.000
3) TPCL Gas	4.376	131.682	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.316	305.454	1) MSEDCL	408.550	11342.720
D) STATE			2) Mumbai Discoms	52.642	1506.576
1) Thermal	256.260	6239.357	TOTAL STATE	461.192	12849.296
(A1+C1+C4+(B1-B6))					
2) Hydro	14.553	614.526			
(A2+C2)					
3) Gas	7.578	311.363			
(A3+B7+C3)					
4) Wind	21.026	671.080			
6) SOLAR	7.520	222.647			
TOTAL STATE	306.937	8058.973			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5591	5584	5693	5511
MSPGCL Hydro	350	741	303	197
MSPGCL Gas	127	125	141	143
MSPGCL Total Generation	6068	6450	6137	5851
Central Sector Receipt	7119	7576	6150	5787
WIND	684	423	470	1572
CPP / IPP Thermal	4369	4145	4152	4265
CPP / IPP Gas	0	0	0	0
SOLAR	969	843	0	0
Exchange with Mumbai	-994	-890	-990	-1184
MSEDCL DEMAND MET	18215	18547	15919	16291
Load Shedding	0	0	0	0
MSEDCL DEMAND	18215	18547	15919	16291
TPCL GENERATION	631	904	868	571
AEML GENERATION	502	503	502	375
MUMBAI DEMAND	2127	2297	2360	2130
STATE DEMAND MET	20342	20844	18279	18421
STATE DEMAND	20342	20844	18279	18421
Frequency (Hz)	49.98	49.98	49.97	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 17.04 Hrs	49.73 Hz at 22.45 Hrs	49.99	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 30/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	7.84	45.41	425	240
Unit 9	10.82	185.16	510	350
Unit 10	9.73	34.63	461	381
Total	28.40	265.20		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.20	31.26	500	370
Total	11.20	31.26		
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	5.60	74.81	250	193
Total	5.60	82.40		
Chandrapur				
Unit 3	4.33	78.66	185	175
Unit 4	3.91	55.56	167	155
Unit 5	10.32	170.56	450	420
Unit 6	0.00	284.70	0	0
Unit 7	10.77	215.01	457	425
Unit 8	10.12	328.49	470	315
Unit 9	10.72	307.80	455	425
Total	50.16	1440.77		
Paras				
Unit 3	5.92	137.09	255	240
Unit 4	5.84	148.03	254	207
Total	11.77	285.12		
Khaparkheda				
Unit 1	4.02	76.58	175	155
Unit 2	4.32	112.78	185	165
Unit 3	4.58	108.84	195	188
Unit 4	4.22	128.98	185	160
Unit 5	11.24	325.66	490	444
Total	28.37	752.86		
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	3.20	179.68	143	125
Total	3.20	179.68		
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)	0.25	7.65	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.25	7.65		
Koyna				
Stage 1-2	3.92	141.94	550	40
Stage 4	0.00	173.57	0	0
Stage 3	2.58	70.94	240	0
Total	6.50	386.44		
Hydro				
KDPH	0.70	22.18	29	29
VTRNA	0.00	0.00	0	0
TILLARI	0.48	1.31	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	8.34	80	0
RNGR+BHTSA	0.26	8.34	11	11
BHANDARDRA	0.43	13.66	34	10
ELDARY	0.00	3.36	0	0
SMLHY_PTN	0.54	15.68	31	20
GHATGHAR	0.00	0.00	0	0
Total	2.69	72.86		
Wind				
Total	21.03	671.08	0	0
Total	21.03	671.08		
CPP				
APML(Mus)	73.97	2044.09	0	0
JSWEL(Mus)	16.45	489.95	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	80.05	0	0
Other(Mus)	8.67	249.29	0	0
Total	101.78	2863.38		
SOLAR				
Total	7.52	222.65	0	0
Total	7.52	222.65		
Tata				
Trombay 5	7.67	212.91	447	227
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	84.19	118	115
Trombay 7B	1.57	47.49	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.36	155.22	458	34
Total	17.41	499.82		
AEML				
DTPS U-1&2	11.32	305.45	503	375
Total	11.32	305.45		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.49	2857.61	MSPGCL Total	147.88	3496.60
			MSPGCL Thml+Gas	138.69	3037.29	Koyna 1,2 & 4 Total	3.92	315.50
			MSPGCL Hydro	9.19	459.30	State Total	306.94	8058.97

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/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	5587	297	132	6016	1868	4221	0	0	5760	5960	-1269	16796	0	16796	2481	19277	50.00
2	5766	167	142	6075	1796	4248	0	0	5592	5599	-1098	16620	0	16620	2364	18984	50.02
3	5708	197	132	6037	1734	4307	0	0	5743	5645	-1080	16643	0	16643	2235	18878	49.98
4	5511	197	143	5851	1572	4265	0	0	5737	5787	-1184	16291	0	16291	2130	18421	49.99
5	5674	192	133	5999	1557	4334	0	0	5711	5868	-1130	16628	0	16628	2061	18689	50.01
6	5754	544	142	6440	1227	4355	0	0	6097	6274	-999	17297	0	17297	2035	19332	49.98
7	5702	750	133	6585	993	4377	0	49	6362	6242	-868	17378	0	17378	1935	19313	49.95
8	5674	392	141	6207	1026	4354	0	239	6275	6150	-861	17115	0	17115	1915	19030	50.00
9	5604	244	131	5979	984	4403	0	509	6247	6203	-937	17141	0	17141	1946	19087	49.96
10	5486	265	129	5880	806	4381	0	740	6407	6419	-1044	17182	0	17182	2011	19193	49.98
11	5567	367	138	6072	683	4377	0	899	6717	6412	-1039	17404	0	17404	2090	19494	49.97
12	5591	350	127	6068	684	4369	0	969	7102	7119	-994	18215	0	18215	2127	20342	49.98
13	5659	302	126	6087	551	4293	0	970	7474	7322	-1045	18178	0	18178	2160	20338	50.02
14	5644	315	136	6095	418	4234	0	924	7506	7573	-1000	18244	0	18244	2186	20430	50.00
15	5584	741	125	6450	423	4145	0	843	7272	7576	-890	18547	0	18547	2297	20844	49.98
16	5605	726	126	6457	451	4071	0	649	7099	7735	-910	18453	0	18453	2334	20787	49.96
17	5608	611	137	6356	539	4031	0	471	6761	7043	-866	17574	0	17574	2267	19841	50.02
18	5664	634	128	6426	498	4060	0	204	5798	6171	-840	16519	0	16519	2126	18645	50.06
19	5694	367	129	6190	625	4073	0	54	5257	5623	-875	15690	0	15690	2041	17731	50.02
20	5678	368	139	6185	598	4133	0	0	4841	5776	-935	15757	0	15757	2154	17911	49.95
21	5675	293	131	6099	512	4157	0	0	4756	5592	-886	15474	0	15474	2264	17738	50.02
22	5693	303	141	6137	470	4152	0	0	5381	6150	-990	15919	0	15919	2360	18279	49.97
23	5692	336	130	6158	498	4243	0	0	5766	6758	-1053	16604	0	16604	2499	19103	49.86
24	5670	234	131	6035	513	4199	0	0	5886	7258	-1124	16881	0	16881	2624	19505	49.98
MUs	135.49	9.19	3.20	147.88	21.03	101.78	0.00	7.52	147.55	154.26	-23.92	408.55	0.00	408.55	52.64	461.19	49.99

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 30/May/2020

Position as on 6.30 Hrs of 31/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 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	Bhusawal Unit 4	500	22/03/2020	18.30	31/05/2020	14.51	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 30/May/2020

Position as on 6.30 Hrs of 31/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	31/05/2020	23.46	Boiler Steaming Validity Extension	
MSPGCL	Koradi Unit-8	660	31/05/2020	22.56		Continued.	Heavy steam Leakage in super heater.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/May/2020

Statement-VII

Position as on 6.30 Hrs of 31/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
Ektuni-Akola II Ckt 2	IntraState	31/05/2020	23.11		Continued.	T	Distance Protection
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	30/05/2020	10.31	HT	Over Voltage
Padgha Tarapur I	InterState	30/05/2020	06.35	30/05/2020	20.57	T	Distance Protection
Dhule Sar'Sarovar II	InterState	30/05/2020	18.00		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58	30/05/2020	12.20	EO	To attend Hot Spot(RFC 29.04.2020 Over voltage).
Nagothane - Dabhol-II	IntraState	29/05/2020	09.48	30/05/2020	17.42	PO	Testing and premonsoon Maint.work
Khadka-Aurangabad (Waluj)	IntraState	29/05/2020	17.08	30/05/2020	10.09	HT	Over Voltage
Akola - Bhusawal	IntraState	30/05/2020	10.18	30/05/2020	11.52	PO	R phase line side isolator jaw is on the verge of opening
Kalwa - Talegaon(PG)	IntraState	30/05/2020	12.45	30/05/2020	18.02	PO	line side equipment AMP Work
Padghe - Nagothane - II	IntraState	30/05/2020	15.10	30/05/2020	22.20	HT	Due to operation of four time AutoReclose
Khadka - Bableswhar	IntraState	30/05/2020	15.56	30/05/2020	16.48	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	30/05/2020	18.41	31/05/2020	07.11	HT	Over Voltage
Pune(GIS)-A'bad(Waluj) Ckt 2	IntraState	31/05/2020	07.42	31/05/2020	08.53	PO	Low Gas
Chandrapur - Parli	IntraState	31/05/2020	09.18	31/05/2020	13.55	T	Distance Protection
Lonikand I - Koyna stage-IV	IntraState	31/05/2020	12.44	31/05/2020	13.36	T	Distance Protection
Khadka-Aurangabad (Waluj)	IntraState	31/05/2020	17.29		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	31/05/2020	18.05		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	31/05/2020	19.18		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 KV 500MVA ICT II @ Nanded	IntraState	30/05/2020	08.21	30/05/2020	11.47	PO	Premonsoon Maintenance work
400/220/33kv 315mva Ict3 @Lonikand	IntraState	31/05/2020	08.15	31/05/2020	22.14	PO	OLTC Overhauling 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)
WARDHA WARDHA (PG) (DEOLI)	InterState	30/05/2020	22.09	31/05/2020	02.39	HT	Hand Tripped due to Control OD
Mahalakshmi Amona	InterState	31/05/2020	22.04	31/05/2020	23.08	T	Distance Protection
Tillari Amona	InterState	31/05/2020	22.10	31/05/2020	23.09	T	Distance Protection
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	30/05/2020	05.28	30/05/2020	09.59	PO	Line Maintenance work
Bableswhar -Ahamadnagar-I	IntraState	30/05/2020	08.40	31/05/2020	00.54	EO	Attending Hot Spot
Nerle - Dasgaon	IntraState	30/05/2020	10.05	30/05/2020	14.10	PO	Line Maintenance work
Osmanabad - Solapur (Bale)	IntraState	30/05/2020	10.21	30/05/2020	14.42	PO	Armouring work
ACCIL - Apta	IntraState	30/05/2020	10.38	30/05/2020	15.45	EO	Premonsoon Maintenance work
Deoli(Pgcil)-Badnera	IntraState	30/05/2020	21.51	31/05/2020	02.35	HT	Hand Tripped due to Control OD

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 30/May/2020

Statement-VII

Position as on 6.30 Hrs of 31/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Waluj - Chitegaon I	IntraState	30/05/2020	22.48	31/05/2020	02.40	HT	Hand Tripped due to Control OD
Boisar II - Tarapur	IntraState	31/05/2020	08.16	31/05/2020	20.51	PO	Conductor Stringing work
Tata Borivli MSETCL Borivli 5	IntraState	31/05/2020	09.50	31/05/2020	14.58	PO	Replacement of Y Phase LA
Kalwa - Colourchem	IntraState	31/05/2020	10.05	31/05/2020	17.44	PO	Replacement of Disc Insulators
220 KV ICT Outages/Trippings							
220/132 Kv 200mva Ptr No 1 @Theur	IntraState	28/05/2020	13.28	30/05/2020	08.55	PO	Oil Filtration Work.
220/132 KV 200MVA ict 1@Nasik GCR	IntraState	30/05/2020	07.39	30/05/2020	14.02	PO	Premonsoon Maintenance work
220/33kv 125 MVA Transformer 1 @REL Borivali	IntraState	30/05/2020	08.47	30/05/2020	12.01	PO	Premonsoon Maintenance work
220/132 KV 100MVA ICT-I @ Belewadi	IntraState	30/05/2020	09.40	30/05/2020	12.48	PO	Premonsoon Maintenance work
220/33kv 125 MVA Transformer 2 @REL Borivali	IntraState	30/05/2020	12.04	30/05/2020	16.15	PO	Premonsoon Maintenance work
220/132KV 100MVA ICT-II@Belwandi	IntraState	30/05/2020	12.48	30/05/2020	13.48	PO	Premonsoon Maintenance work
220/100 Kv 100 MVA ICT II @Vasai-li	IntraState	31/05/2020	09.36	31/05/2020	12.14	PO	Y Phase LA Replacement
Sahar : 220 / 33 125 MVA Power Transformer 1	IntraState	31/05/2020	11.38	31/05/2020	14.11	PO	Routine Maintenance Work
Sahar : 220 / 33 125 MVA Power Transformer 2	IntraState	31/05/2020	14.07	31/05/2020	17.15	PO	Premonsoon work
Dharavi : 220 / 110 / 33 250 MVA ICT 8	IntraState	31/05/2020	14.20	31/05/2020	17.15	PO	Routine Maintenance Work

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