

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/May/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	117.054	2446.021	1) Gujrat	8.407	179.425
2) Hydro	6.218	441.547	2) Madhya Pradesh	13.056	320.502
3) Gas	3.253	169.986	3) Chattisgarh	5.810	203.020
Total MSPGCL	126.525	3057.554	4) Maharashtra	141.991	3654.226
B) 1) APML	68.834	1835.494	5) Goa (Amona)	-0.286	-12.914
2) JSWEL	17.463	440.437	Total	168.978	4344.259
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.940	631.507
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.880	627.901
5) WPCL	2.676	72.128	c) MSEDCL Bilateral *	61.550	1416.973
6) Other IPP	8.385	224.742	Include PX	33.785	744.270
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.940	631.507
C) 1) TPCL Thermal	7.583	189.892	Include PX	15.395	439.893
2) TPCL Hydro	5.627	139.506	Standby	0.000	0.000
3) TPCL Gas	4.386	118.543	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.398	274.777	1) MSEDCL	409.917	10116.945
D) STATE			2) Mumbai Discoms	50.876	1350.612
1) Thermal	232.393	5483.491	TOTAL STATE	460.793	11467.557
(A1+C1+C4+(B1-B6))					
2) Hydro	11.845	581.053			
(A2+C2)					
3) Gas	7.639	288.529			
(A3+B7+C3)					
4) Wind	32.310	571.332			
6) SOLAR	7.626	198.900			
TOTAL STATE	291.813	7123.305			

* 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	4219	5253	5714	4671
MSPGCL Hydro	178	100	117	260
MSPGCL Gas	127	138	133	144
MSPGCL Total Generation	4524	5491	5964	5075
Central Sector Receipt	8935	8054	5091	6665
WIND	1019	1261	1465	1246
CPP / IPP Thermal	3845	4268	4221	4212
CPP / IPP Gas	0	0	0	0
SOLAR	1101	600	0	0
Exchange with Mumbai	-1128	-992	-791	-777
MSEDCL DEMAND MET	18296	18682	15950	16421
Load Shedding	0	0	0	0
MSEDCL DEMAND	18296	18682	15950	16421
TPCL GENERATION	572	897	928	737
AEML GENERATION	376	375	478	501
MUMBAI DEMAND	2076	2264	2197	2015
STATE DEMAND MET	20372	20946	18147	18436
STATE DEMAND	20372	20946	18147	18436
Frequency (Hz)	49.99	49.99	50.03	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 18.21 Hrs	49.81 Hz at 19.18 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 27/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	10.76	17.32	516	406
Unit 9	10.34	151.46	512	320
Unit 10	5.40	5.40	480	0
Total	26.50	174.19		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	1.00	1.00	245	0
Total	1.00	1.00		
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	2.85	59.28	245	0
Total	2.85	66.87		
Chandrapur				
Unit 3	4.29	65.92	190	163
Unit 4	3.34	43.85	167	0
Unit 5	9.78	141.10	445	365
Unit 6	10.20	265.84	459	360
Unit 7	10.18	184.91	452	365
Unit 8	10.96	298.22	500	360
Unit 9	9.77	277.96	440	360
Total	58.53	1277.80		
Paras				
Unit 3	0.00	123.10	0	0
Unit 4	0.00	132.72	0	0
Total	0.00	255.82		
Khaparkheda				
Unit 1	4.05	64.68	175	160
Unit 2	4.32	100.14	190	160
Unit 3	4.40	95.60	194	158
Unit 4	4.38	116.37	195	160
Unit 5	11.03	293.55	500	365
Total	28.17	670.34		
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	169.99	144	126
Total	3.25	169.99		
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)	0.12	7.15	53	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.12	7.15		
Koyna				
Stage 1-2	1.84	134.72	370	35
Stage 4	1.22	173.38	829	0
Stage 3	1.33	68.26	240	0
Total	4.39	376.35		
Hydro				
KDPH	0.72	20.07	30	30
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.13	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.27	7.54	80	0
RNGR+BHTSA	0.27	7.54	12	11
BHANDARDRA	0.44	12.36	35	11
ELDARY	0.00	3.36	0	0
SMLHY_PTN	0.13	14.21	14	3
GHATGHAR	0.00	0.00	0	0
Total	1.82	65.20		
Wind				
Total	32.31	571.33	0	0
Total	32.31	571.33		
CPP				
APML(Mus)	68.83	1835.49	0	0
JSWEL(Mus)	17.46	440.44	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.68	72.13	0	0
Other(Mus)	8.38	224.74	0	0
Total	97.36	2572.80		
SOLAR				
Total	7.63	198.90	0	0
Total	7.63	198.90		
Tata				
Trombay 5	7.58	189.89	402	303
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	75.77	118	117
Trombay 7B	1.58	42.78	66	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	5.63	139.51	440	40
Total	17.60	447.94		
AEML				
DTPS U-1&2	10.40	274.78	503	374
Total	10.40	274.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	117.05	2446.02	MSPGCL Total	126.52	3057.55
			MSPGCL Thml+Gas	120.31	2616.01	Koyna 1,2 & 4 Total	3.06	308.09
			MSPGCL Hydro	6.22	441.55	State Total	291.81	7123.30

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/May/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	4587	1497	143	6227	1413	4198	0	0	6001	6036	-1009	16865	0	16865	2420	19285	50.01
2	4621	923	133	5677	1444	4173	0	0	6259	6386	-947	16733	0	16733	2282	19015	50.03
3	4644	502	143	5289	1450	4188	0	0	6536	6354	-869	16412	0	16412	2174	18586	50.00
4	4661	292	133	5086	1359	4170	0	0	6507	6561	-802	16374	0	16374	2078	18452	49.99
5	4671	260	144	5075	1246	4212	0	0	6451	6665	-777	16421	0	16421	2015	18436	50.02
6	4663	323	134	5120	1334	4214	0	0	6945	7198	-687	17179	0	17179	1984	19163	50.02
7	4757	217	143	5117	1349	4207	0	62	7630	7649	-659	17725	0	17725	1904	19629	50.07
8	4775	122	132	5029	1138	4223	0	270	7484	7335	-820	17175	0	17175	1886	19061	50.09
9	4846	105	141	5092	1195	4255	0	538	7379	7399	-981	17498	0	17498	1929	19427	50.05
10	4883	135	129	5147	1066	4001	0	801	7522	7719	-1062	17672	0	17672	2007	19679	50.02
11	4717	129	138	4984	1016	3972	0	866	8297	8162	-1109	17891	0	17891	2052	19943	50.04
12	4219	178	127	4524	1019	3845	0	1101	9020	8935	-1128	18296	0	18296	2076	20372	49.99
13	4223	181	137	4541	1083	3807	0	950	9125	8948	-1190	18139	0	18139	2122	20261	49.99
14	4288	147	127	4562	1054	3799	0	928	8948	8969	-1223	18089	0	18089	2146	20235	50.04
15	4910	95	126	5131	1168	3916	0	827	8617	8690	-1170	18562	0	18562	2224	20786	50.00
16	5253	100	138	5491	1261	4268	0	600	8424	8054	-992	18682	0	18682	2264	20946	49.99
17	5247	95	129	5471	1482	4119	0	459	8077	7659	-923	18267	0	18267	2188	20455	50.03
18	4806	105	130	5041	1769	3807	0	196	7391	6915	-1005	16723	0	16723	2047	18770	50.07
19	4674	112	143	4929	1730	3523	0	28	6021	6088	-996	15302	0	15302	1939	17241	50.13
20	4908	206	131	5245	1514	3727	0	0	5704	5866	-931	15421	0	15421	2042	17463	49.96
21	5483	177	143	5803	1457	3999	0	0	5316	5105	-797	15567	0	15567	2102	17669	50.02
22	5714	117	133	5964	1465	4221	0	0	5136	5091	-791	15950	0	15950	2197	18147	50.03
23	5773	100	143	6016	1643	4274	0	0	5278	5526	-919	16540	0	16540	2330	18870	50.02
24	5731	100	133	5964	1655	4240	0	0	5430	5668	-1093	16434	0	16434	2466	18900	50.04
MUs	117.05	6.22	3.25	126.53	32.31	97.36	0.00	7.63	169.50	168.98	-22.88	409.92	0.00	409.92	50.87	460.79	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 27/May/2020

Position as on 6.30 Hrs of 28/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		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13	27/05/2020	18.06	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.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01	27/05/2020	6.38	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	Parli Unit 8	250	16/05/2020	18.00	27/05/2020	08.23	Zero Schedule	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/May/2020

Position as on 6.30 Hrs of 28/May/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Shaft Position	
MSPGCL	Uran Unit B0	120	25/05/2020	12.51		Continued.	Shaft position	
MSPGCL	Paras Unit 3	250	26/05/2020	08.30		Continued.	CHP Belt snapped	
MSPGCL	Paras Unit 4	250	26/05/2020	17.50		Continued.	CHP Belt problem	
MSPGCL	Chandrapur Unit 4	210	27/05/2020	10.40	27/05/2020	13.59	HPCV control valve problem.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 27/May/2020

Statement-VII

Position as on 6.30 Hrs of 28/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	26/05/2020	17.57	27/05/2020	06.29	HT	Over Voltage
Khadka- Deepnagar Ckt 1	IntraState	27/05/2020	06.32	27/05/2020	15.27	PO	For replacement of faulty string.
Khadka-Aurangabad (Waluj)	IntraState	27/05/2020	17.02		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	27/05/2020	18.08		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.)
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	27/05/2020	07.22	27/05/2020	17.21	PO	Premonsoon maintenance & diagnostic testing 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
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Halkarni-Mahalaxmi line	IntraState	26/05/2020	00.33		Continued.	T	Distance Protection
Yeotmal- Pusad	IntraState	27/05/2020	03.20	27/05/2020	15.43	HT	Due to tripping of wardh ayeotmal.
Warora - Hinganghat	IntraState	27/05/2020	06.51	27/05/2020	15.51	PO	replacement of PDR relay and relay testing work.
Pusad-Ghatodi	IntraState	27/05/2020	06.59	27/05/2020	15.34	HT	In view of outage on 220 kv pusad - wardha pg ckt.
Khaparkheda-Kanhan	IntraState	27/05/2020	07.00	27/05/2020	15.57	PO	Nut bolt tightening at cut point.
Pusad - Hingoli	IntraState	27/05/2020	07.18	27/05/2020	13.28	HT	In view of outage on 220 kv pusad - wardha pg ckt.
Pusad-Ghatodi	IntraState	27/05/2020	07.23	27/05/2020	15.32	HT	In view of outage on 220 kv pusad - wardha pg ckt.
chandrapur-Tadali	IntraState	27/05/2020	07.30	27/05/2020	18.48	PO	Jumper replacement work.
Karad -Mudshingi Ckt- IV	IntraState	27/05/2020	07.32	27/05/2020	19.03	EO	Replacement of 220 KV 2400-1200/1 A 5C SCT make CTs by New CGL make 1600-800/1 A,5C LT which having higher tandelta values & as per C.O. Mumbai Guidelines under CE Scheme.
220 KV VIRODA - AMALNER	IntraState	27/05/2020	08.06	27/05/2020	15.12	PO	Disc insulator replacement work at various location.
Walchandnagar-Bhigwan	IntraState	27/05/2020	09.07		Continued.	EO	Pre monsoon maintenance work.
Karad - Sadawagpur I	IntraState	27/05/2020	10.14	27/05/2020	17.50	PO	Premonsoon maintenance work, C & Tan delta testing and relay testing work.
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.

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 27/May/2020

Statement-VII

Position as on 6.30 Hrs of 28/May/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Cgl Ict 1 @Dondaicha	IntraState	27/05/2020	07.59	27/05/2020	13.21	PO	Premonsoon maintenance work.
220/132Kv 200MVA ICT-I @ Akola	IntraState	27/05/2020	08.03	27/05/2020	12.24	PO	Premansoon and routine bay maintenance.
220/132 Kv Ict 2 200 Mva @Parbhani	IntraState	27/05/2020	08.20	27/05/2020	12.45	PO	Premansoon maintenance work.
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	27/05/2020	08.43	27/05/2020	19.58	PO	1) premonsoon maintenance work 2) tan-delta measurement of windings, bushings, cts by tcc circle akola. 3) crm cb timing & IR value.
220/132 Kv 100 Mva Emco Ict 2 @Dondaicha	IntraState	27/05/2020	14.53	27/05/2020	18.36	PO	Premonsoon maintenance work.

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