

State Load Despatch Center,Airoli (MSETCL) Statement I
Daily system Report for 09/Apr/2020 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	65.956	513.104	1) Gujrat	9.701	96.516
2) Hydro	8.681	143.345	2) Madhya Pradesh	14.944	152.322
3) Gas	6.884	64.607	3) Chattisgarh	8.430	72.540
Total MSPGCL	81.521	721.056	4) Maharashtra	133.871	1085.587
B) 1) APLM	52.427	487.547	5) Goa (Amona)	0.000	0.000
2) JSWEL	18.047	114.309	Total	166.946	1406.965
3) VIPL	0.000	0.000	a) Mumbai Schedule	16.327	157.410
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	13.478	113.396
5) WPCL	5.477	49.886	c) MSEDCL Bilateral *	65.000	484.971
6) Other IPP	8.449	71.689	Include PX	43.753	316.335
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	16.327	157.410
C) 1) TPCL Thermal	13.635	127.746	Include PX	1.715	80.523
2) TPCL Hydro	2.417	21.896	Standby	0.000	0.000
3) TPCL Gas	2.534	22.902	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.188	98.396	1) MSEDCL	340.951	2918.779
D) STATE			2) Mumbai Discoms	42.252	384.336
1) Thermal	174.179	1462.677	TOTAL STATE	383.203	3303.115
(A1+C1+C4+(B1-B6))					
2) Hydro	11.098	165.241			
(A2+C2)					
3) Gas	9.418	87.509			
(A3+B7+C3)					
4) Wind	13.650	113.170			
6) SOLAR	7.912	67.553			
TOTAL STATE	216.257	1896.150			

* 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 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	2722	2765	3220	2369
MSPGCL Hydro	529	280	319	139
MSPGCL Gas	291	270	287	286
MSPGCL Total Generation	3542	3315	3826	2794
Central Sector Receipt	8206	8496	6026	6225
WIND	202	210	511	1068
CPP / IPP Thermal	3488	3488	3542	3512
CPP / IPP Gas	0	0	0	0
SOLAR	1064	1034	0	0
Exchange with Mumbai	-681	-700	-741	-419
MSEDCL DEMAND MET	15821	15843	13164	13180
Load Shedding	0	0	0	0
MSEDCL DEMAND	15821	15843	13164	13180
TPCL GENERATION	730	728	731	794
AEML GENERATION	371	371	373	470
MUMBAI DEMAND	1782	1799	1845	1683
STATE DEMAND MET	17603	17642	15009	14863
STATE DEMAND	17603	17642	15009	14863
Frequency (Hz)	50.00	49.99	50.02	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 18.32 Hrs	49.77 Hz at 22.05 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 09/Apr/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	10.30	91.82	470	376
Unit 9	9.36	91.77	455	345
Unit 10	9.46	87.66	460	350
Total	29.12	271.25		
Bhusawal				
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		
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	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.36	10.16	190	163
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	3.61	43.05	460	0
Unit 9	6.65	66.28	485	0
Total	14.62	119.48		
Paras				
Unit 3	5.79	47.65	250	188
Unit 4	6.04	33.90	254	250
Total	11.83	81.55		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.39	40.82	490	360
Total	10.39	40.82		
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	6.88	64.61	306	269
Total	6.88	64.61		
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)	0.08	0.84	40	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.08	0.84		
Koyna				
Stage 1-2	3.10	48.56	440	35
Stage 4	1.62	47.49	561	0
Stage 3	1.10	21.26	160	0
Total	5.82	117.32		
Hydro				
KDPH	0.89	7.34	37	37
VTRNA	0.00	0.00	0	0
TILLARI	0.42	4.14	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.05	0.69	50	0
RNGR+BHTSA	0.32	2.66	14	13
BHANDARDRA	0.65	4.44	27	26
ELDARY	0.00	1.65	0	0
SMLHY_PTN	0.54	5.11	23	22
GHATGHAR	0.00	0.00	0	0
Total	2.86	26.03		
Wind				
Total	13.65	113.17	0	0
Total	13.65	113.17		
CPP				
APML(Mus)	52.43	487.55	0	0
JSWEL(Mus)	18.05	114.31	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	5.48	49.89	0	0
Other(Mus)	8.45	71.69	0	0
Total	84.40	723.43		
SOLAR				
Total	7.91	67.55	0	0
Total	7.91	67.55		
Tata				
Trombay 5	8.80	81.70	475	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.42	12.79	61	58
Trombay 7B	1.11	10.11	48	45
Trombay 8	4.84	46.05	241	152
TATA Hydro	2.42	21.90	204	27
Total	18.59	172.54		
AEML				
DTPS U-1&2	10.19	98.40	500	371
Total	10.19	98.40		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	65.96	513.10	MSPGCL Total	81.52	721.06
			MSPGCL Thml+Gas	72.84	577.71	Koyna 1,2 & 4 Total	4.71	96.06
			MSPGCL Hydro	8.68	143.34	State Total	216.26	1896.15

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Apr/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	2253	906	283	3442	835	3564	0	0	6081	6102	-629	13314	0	13314	1980	15294	50.02
2	2305	741	304	3350	868	3635	0	0	6212	6107	-547	13413	0	13413	1865	15278	49.97
3	2324	199	296	2819	1094	3496	0	0	6348	6167	-441	13135	0	13135	1748	14883	49.97
4	2369	139	286	2794	1068	3512	0	0	6422	6225	-419	13180	0	13180	1683	14863	50.00
5	2364	139	306	2809	1110	3509	0	0	6726	6631	-455	13604	0	13604	1617	15221	50.03
6	2349	139	299	2787	1107	3493	0	0	7554	7652	-588	14451	0	14451	1591	16042	50.01
7	2464	985	298	3747	772	3467	0	112	7516	7538	-385	15251	0	15251	1600	16851	50.04
8	2541	775	297	3613	625	3435	0	362	7400	7422	-287	15170	0	15170	1603	16773	50.02
9	2574	219	294	3087	497	3440	0	631	7389	7443	-312	14786	0	14786	1657	16443	50.02
10	2671	264	288	3223	420	3489	0	894	7276	7343	-319	15050	0	15050	1736	16786	50.00
11	2672	284	273	3229	348	3431	0	1012	7481	7567	-384	15203	0	15203	1794	16997	50.02
12	2722	529	291	3542	202	3488	0	1064	8225	8206	-681	15821	0	15821	1782	17603	50.00
13	2765	280	270	3315	210	3488	0	1034	8677	8496	-700	15843	0	15843	1799	17642	49.99
14	2906	212	281	3399	194	3517	0	936	8395	8347	-688	15705	0	15705	1788	17493	50.01
15	2901	200	269	3370	280	3526	0	828	8272	8149	-667	15486	0	15486	1766	17252	50.02
16	2927	221	279	3427	278	3516	0	566	8419	8269	-626	15430	0	15430	1732	17162	49.95
17	3015	206	270	3491	306	3502	0	350	7840	7600	-439	14810	0	14810	1655	16465	50.01
18	2924	366	283	3573	350	3503	0	122	6790	6740	-602	13686	0	13686	1703	15389	49.94
19	3066	186	286	3538	390	3496	0	1	5750	5996	-645	12776	0	12776	1714	14490	50.06
20	3220	319	287	3826	511	3542	0	0	5692	6026	-741	13164	0	13164	1845	15009	50.02
21	3196	221	287	3704	461	3574	0	0	5693	5474	-750	12463	0	12463	1851	14314	50.00
22	3102	346	279	3727	549	3586	0	0	5570	5648	-828	12682	0	12682	1883	14565	49.96
23	3151	405	299	3855	575	3617	0	0	5692	5831	-729	13149	0	13149	1904	15053	49.96
24	3175	400	279	3854	600	3574	0	0	5859	5967	-616	13379	0	13379	1956	15335	49.99
MUs	65.96	8.68	6.88	81.52	13.65	84.40	0.00	7.91	167.28	166.95	-13.48	340.95	0.00	340.95	42.25	383.20	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 09/Apr/2020

Position as on 6.30 Hrs of 10/Apr/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	Parli Unit 7	250	22/03/2020	10.45		Continued.	Zero Schedule. (R S D FROM 10:45 TO 16:00 Hrs.)	
MSPGCL	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13		Continued.	Zero schedule.	
MSPGCL	Parli Unit 8	250	23/03/2020	18.00		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 6	500	23/03/2020	21.59		Continued.	Clinker Removal Work (Given Zero Schedule On 29/3/2020 At 12hrs By MSEDCL).	
MSPGCL	Khaparkhedha Unit 2	210	25/03/2020	18.02		Continued.	Reserve Shut Down.	
MSPGCL	Khaparkhedha Unit 1	210	25/03/2020	18.03		Continued.	Reserve Shut Down.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 09/Apr/2020

Position as on 6.30 Hrs of 10/Apr/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 3	210	25/03/2020	23.55		Continued.	Reserve Shut Down.	
MSPGCL	Khaparkheda Unit 4	210	25/03/2020	23.58		Continued.	Reserve Shut Down.	
IPP	JSW (J) U2	300	26/03/2020	00.13		Continued.	No schedule.	
MSPGCL	Chandrapur Unit 4	210	26/03/2020	16.06		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 5	500	26/03/2020	20.29		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 7	500	28/03/2020	23.56		Continued.	Zero Schedule.	
MSPGCL	Koyna Unit 6	80	04/04/2020	23.30		Continued.	PLC Problem	
MSPGCL	Chandrapur Unit-8	500	05/04/2020	00.00	09/04/2020	12.30	PA Fan problem	
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 9	500	06/04/2020	17.30	09/04/2020	06.24	Boiler Tube Leakage	
IPP	Adani U-3	660	06/04/2020	22.07		Continued.	APH 3A Hot PA Below Leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 09/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 10/Apr/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	30/03/2020	17.32		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/03/2020	18.12		Continued.	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	24/03/2020	20.20		Continued.	HT	Over Voltage
New Koyana - Dabhol-I	IntraState	25/03/2020	18.01		Continued.	T	Over Voltage
Koradi-Khaperkheda I	IntraState	25/03/2020	20.21		Continued.	T	Over Voltage
Kalwa - Talegaon(PG)	IntraState	28/03/2020	16.47		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	05/04/2020	17.39		Continued.	HT	Over Voltage
Padghe - Kalwa-II	IntraState	06/04/2020	00.21		Continued.	HT	Over Voltage
Babhaleshtar - Padghe-II	IntraState	07/04/2020	17.46		Continued.	T	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot
Jejuri- Koynastage-IV	IntraState	09/04/2020	08.52	09/04/2020	14.52	PO	Insulator Replacement Work
karad -kolhapur-II	IntraState	09/04/2020	18.35		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 500 MVA ICT-IV @Kalwa	IntraState	22/03/2020	10.13		Continued.	HT	Hand tripped from LV end to control Over Voltage.
400/220/33 Kv 315 Mva Ict- 2 @Kharghar	IntraState	25/03/2020	13.59		Continued.	EO	CT Tan Delta High.
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	25/03/2020	16.32		Continued.	HT	Outage availed for maint. work and ICT out LV side.
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	25/03/2020	17.57		Continued.	HT	LV Side CB Hand Tripped For Voltage.
400/220/33 Kv 500 MVA ICT-II @Lonikand 2	IntraState	25/03/2020	22.00		Continued.	HT	LV Side CB Hand Tripped For Voltage.
400/220/33kv 315mva Ict3 @Lonikand	IntraState	25/03/2020	22.01		Continued.	HT	LV Side CB Hand Tripped For Voltage.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	28/03/2020	18.07		Continued.	HT	Over Voltage
400/220KV 500MVA ICT-I @Nanded	IntraState	09/04/2020	10.38	09/04/2020	18.10	PO	Attend Hot Spot On R-Ph LV Bushing.
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	09/04/2020	17.55	09/04/2020	20.07	PO	Oil Topup.
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
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	Erection of CTT-2 Tower Work For 220Kv Baramati-Lonand & Baramati Jejuri Cables Emanating from 220Kv Baramati S/Stn.
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
Pophali - Nerale	IntraState	09/04/2020	15.05	09/04/2020	15.54	PO	R-Phase Breaker Gas Filling Work.
220 KV ICT Outages/Trippings							
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS
132 KV LINE Outages/Trippings							

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 09/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 10/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kaulewada-Madgi-Ii	IntraState	09/04/2020	07.43	09/04/2020	08.42	T	Distance Protection
Bhandara-Madgi-Ii	IntraState	09/04/2020	07.43	09/04/2020	09.14	T	Backup Protection
Bhandara-Madgi-I	IntraState	09/04/2020	07.43	09/04/2020	09.13	T	Backup Protection (16MVA T/F Caught Fire).
Kaulewada-Madgi-I	IntraState	09/04/2020	07.43	09/04/2020	08.39	T	Distance Protection
Solapur II(Bale)-Naldurg	IntraState	09/04/2020	15.40	09/04/2020	18.31	PO	Tree Cutting.