

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	120.824	1035.978	1) Gujrat	6.366	33.360
2) Hydro	7.059	115.486	2) Madhya Pradesh	17.110	129.706
3) Gas	5.287	51.643	3) Chattisgarh	7.820	68.850
Total MSPGCL	133.170	1203.107	4) Maharashtra	115.017	968.491
B) 1) APLM	70.820	609.993	5) Goa (Amona)	-0.440	-5.280
2) JSWEL	24.187	212.700	Total	145.873	1195.127
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.459	172.752
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.692	182.679
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	25.237	221.355
6) Other IPP	15.319	135.584	Include PX	4.335	19.215
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.459	172.752
C) 1) TPCL Thermal	14.396	127.119	Include PX	11.908	64.541
2) TPCL Hydro	3.418	28.290	Standby	0.000	0.000
3) TPCL Gas	2.207	21.643	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.191	74.085	1) MSEDCL	378.491	3312.734
D) STATE			2) Mumbai Discoms	49.904	433.815
1) Thermal	250.737	2195.459	TOTAL STATE	428.395	3746.549
(A1+C1+C4+(B1-B6))					
2) Hydro	10.477	143.776			
(A2+C2)					
3) Gas	7.494	73.286			
(A3+B7+C3)					
4) Wind	7.897	93.032			
6) SOLAR	5.917	45.870			
TOTAL STATE	282.522	2551.423			

* 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 19 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5259	5265	5328	4564
MSPGCL Hydro	426	208	456	144
MSPGCL Gas	281	191	148	221
MSPGCL Total Generation	5966	5664	5932	4930
Central Sector Receipt	7425	7524	5775	5021
WIND	314	246	235	259
CPP / IPP Thermal	5081	4995	4929	3757
CPP / IPP Gas	0	0	0	0
SOLAR	862	883	0	0
Exchange with Mumbai	-1301	-1261	-1119	-642
MSEDCL DEMAND MET	18348	18052	15752	13324
Load Shedding	0	0	0	0
MSEDCL DEMAND	18348	18052	15752	13324
TPCL GENERATION	1061	1049	1066	583
AEML GENERATION	249	250	250	189
MUMBAI DEMAND	2611	2560	2435	1414
STATE DEMAND MET	20958	20612	18186	14738
STATE DEMAND	20958	20612	18186	14738
Frequency (Hz)	50.00	50.01	49.97	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 12.02 Hrs	49.83 Hz at 06.13 Hrs	50.01	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/Jan/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	11.59	107.07	540	440
Unit 9	11.23	105.83	530	400
Unit 10	10.65	57.46	480	420
Total	33.47	270.36		
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	5.40	29.08	250	190
Unit 7	5.29	34.94	248	191
Unit 8	5.49	48.44	250	190
Total	16.18	112.47		
Chandrapur				
Unit 3	4.23	37.45	190	162
Unit 4	3.97	34.53	172	147
Unit 5	8.56	76.83	365	340
Unit 6	10.30	93.76	470	360
Unit 7	0.00	0.00	0	0
Unit 8	10.36	95.75	485	360
Unit 9	9.87	93.03	460	360
Total	47.30	431.34		
Paras				
Unit 3	4.18	44.40	230	100
Unit 4	5.28	46.73	242	190
Total	9.46	91.14		
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	3.22	0	0
Unit 5	10.34	90.40	495	365
Total	10.34	93.61		
Nasik				
Unit 3	4.08	37.06	194	154
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	4.08	37.06		
Uran				
All Units	5.29	51.64	300	125
Total	5.29	51.64		
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)	0.02	0.65	16	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.02	0.65		
Koyna				
Stage 1-2	2.78	29.98	415	40
Stage 4	1.18	49.86	400	0
Stage 3	0.82	16.81	236	0
Total	4.77	96.65		
Hydro				
KDPH	0.44	2.10	19	19
VTRNA	0.00	0.00	0	0
TILLARI	0.48	4.20	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.16	1.14	80	0
RNGR+BHTSA	0.36	2.90	16	15
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.05	0	0
SMLHY_PTN	0.28	2.79	12	11
GHATGHAR	0.56	5.66	125	0
Total	2.29	18.84		
Wind				
Total	7.90	93.03	0	0
Total	7.90	93.03		
CPP				
APML(Mus)	70.82	609.99	0	0
JSWEL(Mus)	24.19	212.70	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	15.32	135.58	0	0
Total	110.33	958.28		
SOLAR				
Total	5.92	45.87	0	0
Total	5.92	45.87		
Tata				
Trombay 5	9.28	81.18	483	276
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.24	12.01	66	48
Trombay 7B	0.96	9.63	49	37
Trombay 8	5.11	45.94	246	183
TATA Hydro	3.42	28.29	287	0
Total	20.02	177.05		
AEML				
DTPS U-1&2	5.19	74.08	250	189
Total	5.19	74.08		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	120.82	1035.98
MSPGCL Thml+Gas	126.11	1087.62
MSPGCL Hydro	7.06	115.49

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	133.17	1203.11
Koyna 1,2 & 4 Total	3.95	79.84
State Total	282.52	2551.42

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 09/Jan/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	4571	90	233	4894	314	4086	0	0	5250	4913	-882	13324	0	13324	1650	14974	50.02
2	4571	100	222	4892	217	3857	0	0	5188	5007	-764	13210	0	13210	1534	14744	49.99
3	4577	94	233	4904	170	3757	0	0	5019	5251	-685	13398	0	13398	1454	14852	50.00
4	4564	144	221	4930	259	3757	0	0	5084	5021	-642	13324	0	13324	1414	14738	50.01
5	4526	90	232	4848	292	3907	0	0	5263	5269	-642	13674	0	13674	1415	15088	50.02
6	5000	90	223	5312	367	4339	0	0	5614	5901	-777	15142	0	15142	1549	16691	49.98
7	5332	228	263	5824	360	4795	0	3	6315	6030	-887	16124	0	16124	1752	17876	50.00
8	5348	812	300	6460	362	4902	0	70	6503	6464	-824	17434	0	17434	1939	19372	49.99
9	5322	714	289	6324	394	5031	0	281	6485	6657	-952	17736	0	17736	2196	19932	50.05
10	5294	692	288	6274	420	5041	0	571	6535	6649	-1095	17860	0	17860	2438	20298	50.02
11	5166	700	285	6150	354	5063	0	771	7082	6970	-1266	18042	0	18042	2576	20618	50.03
12	5259	426	281	5966	314	5081	0	862	7666	7425	-1301	18348	0	18348	2611	20958	50.00
13	5265	208	191	5664	246	4995	0	883	7406	7524	-1261	18052	0	18052	2560	20612	50.01
14	5307	146	125	5578	209	4958	0	857	7189	7150	-1236	17516	0	17516	2425	19940	50.02
15	5356	366	135	5856	186	4937	0	761	7297	7517	-1390	17868	0	17868	2424	20292	50.01
16	5372	200	126	5698	163	4967	0	531	7426	7344	-1280	17424	0	17424	2447	19870	50.00
17	5365	386	135	5886	164	4969	0	275	6791	6808	-1137	16964	0	16964	2436	19400	50.00
18	5329	520	127	5976	160	4931	0	52	6029	5838	-1097	15860	0	15860	2405	18266	49.99
19	5328	456	148	5932	235	4929	0	0	5926	5775	-1119	15752	0	15752	2435	18186	49.97
20	5298	236	169	5702	347	4875	0	0	5944	5535	-1087	15372	0	15372	2379	17752	50.03
21	4964	90	205	5260	466	4604	0	0	5794	5569	-1186	14712	0	14712	2206	16918	49.99
22	4715	96	281	5092	570	4253	0	0	5437	5408	-1168	14154	0	14154	2057	16212	50.03
23	4522	86	287	4894	604	4207	0	0	5339	5028	-1100	13634	0	13634	1886	15520	50.00
24	4473	92	288	4852	724	4085	0	0	5060	4821	-914	13568	0	13568	1716	15284	50.05
MUs	120.82	7.06	5.29	133.17	7.90	110.33	0.00	5.92	147.64	145.87	-24.69	378.49	0.00	378.49	49.90	428.40	50.01

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/Jan/2020

Position as on 6.30 Hrs of 10/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage. Converted to AOH From 1 Nov 2019.	
MSPGCL	Nasik Unit 4	210	20/11/2019	04.15		Continued.	ID Fan Problem (Converted for Zero Schedule from 05.00hrs DT. 21-11-2019 and Continued for Annual Overhaul From 01.12.2019)	
AEML	AEML Unit 2	250	06/01/2020	18.44		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
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	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
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 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
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-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 8	108	30/11/2019	19.14		Continued.	Over Speed Bolt Trip.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 04.25Hrs DT. 13-12-2019)	
MSPGCL	Bhusawal Unit 5	500	23/12/2019	22.05		Continued.	Boiler Tube Leakage (Converted to Zero Schedule from 22.00Hrs DT. 26-12-2019)	
MSPGCL	Uran Unit 7	108	28/12/2019	22:48		Continued.	Gas shortage	
MSPGCL	Uran Unit B0	120	28/12/2019	22:48		Continued.	Gas shortage	

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

Position as on 6.30 Hrs of 10/Jan/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 4	500	29/12/2019	00.57		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 1	210	31/12/2019	03.35		Continued.	Boiler Tube Leakage(Converted to Zero Schedule from (10.25hrs DT. 01-01-2020)	
MSPGCL	Khaparkheda Unit 2	210	31/12/2019	16.53		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 3	210	31/12/2019	17.33		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Khaparkheda Unit 4	210	01/01/2020	19.58		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Uran Unit 6	108	09/01/2020	12.37	09/01/2020	18.45	To attend Hot Spot at Generator T/F R Phase Bushing Clamp	

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

Statement-VII

Position as on 6.30 Hrs of 10/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	09/01/2020	13.06	09/01/2020	15.57	EO	OLTC Alarm in Convertor Transformer
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	08/01/2020	12.02	09/01/2020	06.34	PO	Outage at SSNNL End.
Padgha Tarapur II	InterState	09/01/2020	09.11		Continued.	PO	Annual Maintenance Work
Dhule Sar'Sarovar II	InterState	09/01/2020	19.25		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	08/01/2020	18.08	09/01/2020	09.16	HT	Over Voltage
Padghe - Nagothane - II	IntraState	09/01/2020	10.22	09/01/2020	13.10	PO	Faulty DC Relay replacement
Koradi III(Adani)-Korad II Ckt-I	IntraState	09/01/2020	16.31	09/01/2020	17.55	T	R Phase Teed Protection operated
Khadka-Aurangabad (Waluj)	IntraState	09/01/2020	18.03		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 KV 500MVA ICT II @ Nanded	IntraState	09/01/2020	10.52	09/01/2020	20.34	PO	OLTC Conservator tank inside painting
400/220 Kv 315 MVA ICT-II @Chakan	IntraState	09/01/2020	11.17	09/01/2020	19.52	PO	Half yearly maintenance work
400/220/33 Kv 315 MVA ICT -I @Nagothane	IntraState	09/01/2020	13.22	09/01/2020	16.52	PO	Faulty DC Relay replacement
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
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)
Baramati- Kalyani	IntraState	31/12/2019	09.20	09/01/2020	20.29	PO	Diversion of 220KV Lines Emanating From Baramati s/s Through Underground Cable.
MAHAPE - RELIANCE GIS	IntraState	08/01/2020	10:44		Continued.	HT	At Mahape End For New Configuration.
Lonand-Baramati	IntraState	09/01/2020	08.05	09/01/2020	13.00	PO	Diversion of 220KV Overhead lines
Dahanu Ghodbunder Line 1	IntraState	09/01/2020	08.36	09/01/2020	20.56	PO	Routine Maintenance Work
Baramati - Kurkumbh	IntraState	09/01/2020	08.45	09/01/2020	13.47	PO	Diversion of 220KV Overhead Lines
Kalyani - Baramati Agro	IntraState	09/01/2020	08.45	09/01/2020	13.30	PO	Diversion of 220KV Overhead Lines
Jejuri (400 Kv)- Baramati li	IntraState	09/01/2020	09.06	09/01/2020	13.40	PO	Diversion of 220KV Overhead Lines
Dhule - Dondaicha Ckt	IntraState	09/01/2020	09.10	09/01/2020	15.41	PO	Replacement of Y&B Phase CTs
Tata Borivli MSETCL Borivli 4	IntraState	09/01/2020	09.35	09/01/2020	17.45	PO	Testing Work
New Koyana - Pedambe	IntraState	09/01/2020	09.56	09/01/2020	18.18	PO	Testing Work
Beed-Patoda Ckt 1	IntraState	09/01/2020	10.30	09/01/2020	12.10	PO	Tan Delta Measurment of CTs
Uran - Ongc Uran	IntraState	09/01/2020	10.54	09/01/2020	16.40	PO	Routine Maintenance Work
Patoda-Manjarsumba	IntraState	09/01/2020	12.28	09/01/2020	14.25	PO	Tan Delta Measurment of CTs
Kandalgaon - Koyana (Pophali)	IntraState	09/01/2020	13.50	09/01/2020	15.10	PO	To change the Metering contactor
Osmanabad - Solapur (Bale)	IntraState	09/01/2020	14.45	09/01/2020	17.27	PO	Removal of Arcing Horn
Bhugaon-WardhaPG (Deoli)	IntraState	09/01/2020	14.48	10/01/2020	02.56	PO	Routine Maintenance Work
220 KV ICT Outages/Trippings							
220KV/132KV ICT I @ Bhusawal II	IntraState	09/01/2020	08.43	09/01/2020	18.44	PO	Testing Work
220/132kv 100 Mva Imp Ict 2	IntraState	09/01/2020	11.29	09/01/2020	16.17	PO	Tan Delta Measurment of CTs

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/Jan/2020

Statement-VII

Position as on 6.30 Hrs of 10/Jan/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Limbala Midc Hingoli							