

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Sep/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.040	221.783	1) Gujrat	14.914	28.566
2) Hydro	22.538	41.235	2) Madhya Pradesh	6.511	11.685
3) Gas	6.082	12.583	3) Chattisgarh	5.350	10.330
Total MSPGCL	149.660	275.601	4) Maharashtra	140.989	269.395
B) 1) APLM	15.636	42.984	5) Goa (Amona)	-1.110	-2.770
2) JSWEL	17.180	37.076	Total	166.654	317.206
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.281	44.610
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.761	44.247
5) WPCL	2.702	5.330	c) MSEDCL Bilateral *	38.959	73.347
6) Other IPP	8.870	18.406	Include PX	15.477	21.729
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.281	44.610
C) 1) TPCL Thermal	10.182	19.508	Include PX	13.367	25.438
2) TPCL Hydro	6.452	12.334	Standby	0.000	0.000
3) TPCL Gas	2.744	5.728	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.007	11.611	1) MSEDCL	353.034	689.996
D) STATE			2) Mumbai Discoms	48.146	93.428
1) Thermal	181.617	356.698	TOTAL STATE	401.180	783.424
(A1+C1+C4+(B1-B6))					
2) Hydro	28.990	53.569			
(A2+C2)					
3) Gas	8.826	18.311			
(A3+B7+C3)					
4) Wind	8.965	24.998			
6) SOLAR	6.128	12.642			
TOTAL STATE	234.526	466.218			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5038	5305	5309	4592
MSPGCL Hydro	1004	299	1911	454
MSPGCL Gas	267	254	203	289
MSPGCL Total Generation	6309	5858	7423	5335
Central Sector Receipt	8340	8490	6797	5662
WIND	457	274	199	551
CPP / IPP Thermal	1906	1694	1857	1839
CPP / IPP Gas	0	0	0	0
SOLAR	598	805	0	0
Exchange with Mumbai	-1094	-1425	-916	-772
MSEDCL DEMAND MET	16516	15696	15360	12615
Load Shedding	0	0	0	0
MSEDCL DEMAND	16516	15696	15360	12615
TPCL GENERATION	863	742	1001	540
AEML GENERATION	251	252	251	253
MUMBAI DEMAND	2208	2419	2168	1565
STATE DEMAND MET	18724	18115	17528	14180
STATE DEMAND	18724	18115	17528	14180
Frequency (Hz)	49.94	50.02	49.84	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.03 Hrs	49.81 Hz at 16.39 Hrs	49.97	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 02/Sep/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	10.70	20.50	540	290
Unit 9	10.05	19.47	465	350
Unit 10	8.28	16.86	410	260
Total	29.03	56.83		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.20	21.20	505	415
Unit 5	10.98	20.84	500	345
Total	22.18	42.03		
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	3.03	3.03	238	0
Total	3.03	3.03		
Chandrapur				
Unit 3	4.22	8.29	180	170
Unit 4	0.00	0.00	0	0
Unit 5	9.66	19.13	420	392
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	11.11	21.82	480	425
Unit 9	11.01	11.55	480	275
Total	36.00	60.80		
Paras				
Unit 3	5.31	9.06	245	200
Unit 4	3.26	6.75	179	102
Total	8.57	15.81		
Khaparkheda				
Unit 1	2.76	5.00	145	85
Unit 2	3.08	6.06	140	120
Unit 3	3.53	6.79	170	130
Unit 4	3.22	6.44	150	125
Unit 5	9.65	18.98	450	350
Total	22.23	43.28		
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	6.08	12.58	289	203
Total	6.08	12.58		
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)	1.13	2.38	51	30

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.13	2.38		
Koyna				
Stage 1-2	7.62	12.67	550	45
Stage 4	9.29	17.32	1000	0
Stage 3	3.77	6.32	320	0
Total	20.69	36.31		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.56	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.41	0.82	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.34	0.69	15	14
ELDARY	0.54	1.08	23	22
SMLHY_PTN	0.56	1.27	24	23
GHATGHAR	0.00	0.00	0	0
Total	1.85	4.93		
Wind				
Total	8.96	25.00	0	0
Total	8.96	25.00		
CPP				
APML(Mus)	15.64	42.98	0	0
JSWEL(Mus)	17.18	37.08	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	5.33	0	0
Other(Mus)	8.87	18.41	0	0
Total	44.39	103.80		
SOLAR				
Total	6.13	12.64	0	0
Total	6.13	12.64		
Tata				
Trombay 5	10.18	19.51	442	367
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.56	3.32	85	58
Trombay 7B	1.18	2.41	57	45
Trombay 8	0.00	0.00	0	0
TATA Hydro	6.45	12.33	459	10
Total	19.38	37.57		
AEML				
DTPS U-1&2	6.01	11.61	253	234
Total	6.01	11.61		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.04	221.78	MSPGCL Total	149.66	275.60
			MSPGCL Thml+Gas	127.12	234.37	Koyna 1,2 & 4 Total	16.92	29.99
			MSPGCL Hydro	22.54	41.24	State Total	234.53	466.22

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Sep/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	4451	685	258	5394	491	1971	0	0	5508	5588	-688	12756	0	12756	1750	14506	50.01
2	4480	700	278	5458	534	1919	0	0	5620	5557	-758	12710	0	12710	1649	14359	49.99
3	4592	454	289	5335	551	1839	0	0	5635	5662	-772	12615	0	12615	1565	14180	49.98
4	4589	385	278	5252	584	1854	0	0	5597	5783	-694	12779	0	12779	1540	14319	50.00
5	4651	525	269	5445	666	1847	0	0	5664	5833	-649	13142	0	13142	1515	14657	49.99
6	4704	762	279	5745	670	1958	0	0	6320	6257	-713	13917	0	13917	1563	15480	49.97
7	4752	713	279	5744	608	1928	0	31	7527	7701	-618	15394	0	15394	1602	16996	50.00
8	4828	738	279	5845	519	1949	0	185	8107	8287	-688	16097	0	16097	1762	17859	49.96
9	4937	1039	267	6243	470	1915	0	403	8098	7951	-892	16090	0	16090	1986	18076	49.91
10	5038	1004	267	6309	457	1906	0	598	8107	8340	-1094	16516	0	16516	2208	18724	49.94
11	5097	592	265	5954	422	1835	0	766	8365	8277	-1229	16025	0	16025	2374	18399	49.97
12	5273	385	264	5922	352	1713	0	837	8638	8383	-1359	15848	0	15848	2431	18279	49.94
13	5305	299	254	5858	274	1694	0	805	8379	8490	-1425	15696	0	15696	2419	18115	50.02
14	5403	254	264	5921	188	1677	0	690	8216	8315	-1382	15409	0	15409	2352	17761	50.03
15	5379	787	263	6429	171	1799	0	669	7618	7517	-1240	15345	0	15345	2336	17681	49.98
16	5436	999	249	6684	389	1792	0	595	7279	7383	-1156	15687	0	15687	2306	17993	49.98
17	5397	1220	214	6831	245	1842	0	363	7139	6942	-1064	15159	0	15159	2247	17406	50.00
18	5361	887	214	6462	204	1772	0	163	7434	7485	-1073	15013	0	15013	2164	17177	49.96
19	5323	1419	204	6946	259	1846	0	23	6826	6779	-983	14870	0	14870	2129	16999	49.92
20	5309	1911	203	7423	199	1857	0	0	6238	6797	-916	15360	0	15360	2168	17528	49.84
21	5217	1955	214	7386	194	1865	0	0	5727	6113	-860	14698	0	14698	2089	16787	49.94
22	5236	1930	213	7379	210	1867	0	0	5798	5706	-827	14335	0	14335	2045	16380	49.97
23	5164	1843	251	7258	156	1870	0	0	5803	5581	-844	14021	0	14021	1996	16017	49.94
24	5118	1052	267	6437	152	1873	0	0	5955	5927	-837	13552	0	13552	1950	15502	49.92
MUs	121.04	22.54	6.08	149.66	8.97	44.39	0.00	6.13	165.60	166.65	-22.76	353.03	0.00	353.03	48.15	401.18	49.97

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 02/Sep/2020

Position as on 6.30 Hrs of 03/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	JSW (J) U4	300	20/08/2020	15.57		Continued.	Annual Overhaul	
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	
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	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	
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	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.(Converted zero schedule from 25.03.2020)	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero 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.	Turbine Blade Failure	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Parli Unit 8	250	01/06/2020	13.13	02/09/2020	04.43	Zero schedule By MSEDCL	
IPP	Adani U-1	660	03/06/2020	15.02		Continued.	Converted zero schedule from 03.06.2020	
IPP	Adani U-5	660	04/06/2020	12.29		Continued.	Zero Schedule.	
IPP	Adani U-4	660	12/06/2020	10.30	03/09/2020	06.26	Zero Schedule	
AEML	AEML Unit 1	250	27/06/2020	23.55		Continued.	Zero schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Sep/2020

Position as on 6.30 Hrs of 03/Sep/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 7	500	06/08/2020	03.33		Continued.	Sparkling in generator R phase winding.	
CPP	SWPGL U-4	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
MSPGCL	Ghatghar Unit-1	125	27/08/2020	05.25		Continued.	Runner band Drainage valve Leakage	
MSPGCL	Chandrapur Unit 6	500	27/08/2020	10.55		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	27/08/2020	18.00		Continued.	Boiler Tube Leakage	
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 03/Sep/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 Khandwa II	InterState	29/08/2020	19.15		Continued.	T	Due To Fire At 48 Volt DC Charger.
BABHALESHWAR - RPL(NASHIK) CKT - 1	IntraState	11/06/2020	10.40		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/08/2020	23.23		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	13/08/2020	10.59	02/09/2020	14.18	EO	To attend CB problem.(RFC 29-08-2020 At 17.05).
Khadka-Aurangabad (Waluj)	IntraState	25/08/2020	17.28		Continued.	HT	Over Voltage
Akola II - RPL(Rattanindia) Ckt I	IntraState	27/08/2020	21.57		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	31/08/2020	17.26	02/09/2020	09.27	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	31/08/2020	22.51		Continued.	HT	Over Voltage
Koradi-RattanIndia	IntraState	01/09/2020	13.10	02/09/2020	11.49	T	Distance Protection
Padghe - Kalwa- I	IntraState	01/09/2020	19.03	02/09/2020	09.04	HT	Over Voltage
karad -kolhapur-I	IntraState	01/09/2020	19.45	02/09/2020	09.01	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	02/09/2020	00.14	02/09/2020	09.07	HT	Over Voltage
Babhaleshwar - Padghe-II	IntraState	02/09/2020	00.21	02/09/2020	09.00	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	02/09/2020	09.25	02/09/2020	18.42	PO	Replacement of suspension string Insulators
Girwali- Lonikand 2	IntraState	02/09/2020	10.48	02/09/2020	11.28	T	Distance Protection
Karad-Jaigad - I	IntraState	02/09/2020	21.39		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	02/09/2020	22.56		Continued.	HT	Over Voltage
Dhule- Bableshwar - I	IntraState	02/09/2020	23.20		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	03/09/2020	00.50		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.
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement Of Existing 315 MVA ICT By 3*167 MVA ICT.
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)
Aurangabad PG (Chitepimpalgaon)-Chitegaon Ckt-I	InterState	02/09/2020	19.42	02/09/2020	21.32	HT	To control Overdrawal
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kharghar-Borivali ckt II	IntraState	11/08/2020	08.45		Continued.	T	Cable Faulty
Theur-Phursungi	IntraState	14/08/2020	09.46		Continued.	HT	Outage arrangement HTLS work.
Theur- Magar Patta City	IntraState	14/08/2020	10.27		Continued.	HT	Outage arrangement HTLS work.
Lonikand1 (400 Kv)-Theur I	IntraState	14/08/2020	10.38		Continued.	PO	Replacement of Existing 0.4 DEER Conductor, hardware & Insulator to HTLS Conductor.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	20/08/2020	13.05		Continued.	PO	Erection of Tower due to Railway crossing
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	20/08/2020	13.06		Continued.	PO	Erection of Tower due to Railway crossing
Khaparkheda-Kalmeshwar	IntraState	02/09/2020	09.16	02/09/2020	15.03	PO	Line Maintenance work
Paras-Balapur I	IntraState	02/09/2020	09.27	02/09/2020	11.59	EO	To attend Hot Spot
Karad(400kv) -Nigade	IntraState	02/09/2020	10.11	02/09/2020	18.01	T	Testing Work
Osmanabad - Barshi	IntraState	02/09/2020	10.13	02/09/2020	12.19	PO	Quarterly Maintenance Work

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 02/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 03/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Babhaleshwar - Degaon Rangari	IntraState	02/09/2020	10.13	02/09/2020	15.22	EO	To attend Hot Spot
Nagothane-Wadkhal-I	IntraState	02/09/2020	10.15	02/09/2020	16.23	PO	Wave Trap Jumper Replacement and Tan Delta of CT
220KV Sawangi- Bhokardan	IntraState	02/09/2020	10.30	02/09/2020	16.40	PO	Tightening of Jumper Nut Bolts
Topworth - Kharghar	IntraState	02/09/2020	10.39	02/09/2020	17.50	T	Distance Protection
Apta - Taloja	IntraState	02/09/2020	10.55	02/09/2020	13.23	T	Distance Protection
Padgha-Temghar-II	IntraState	02/09/2020	11.17	02/09/2020	13.30	T	Distance Protection
Harangul-Parly	IntraState	02/09/2020	12.02	02/09/2020	18.30	PO	Tightening of Nut Bolt and fixing to cross arm supporting pieces of line towers
Hingoli- Girawali	IntraState	02/09/2020	12.15	02/09/2020	15.01	PO	Replacement of Disc Insulator
Roma-Bhavegar	IntraState	02/09/2020	13.05	02/09/2020	16.55	T	Distance Protection
Sonkhar - Trombay	IntraState	02/09/2020	13.05	02/09/2020	16.14	T	Distance Protection
Jejuri-Phursungi ckt-2	IntraState	02/09/2020	13.28	02/09/2020	18.38	PO	To remove hanging Earthwire
Kolhapur-Bidri	IntraState	02/09/2020	13.55	02/09/2020	14.05	T	Distance Protection
Sawantwadi-Bidri	IntraState	02/09/2020	13.55	02/09/2020	14.18	T	Distance Protection
IPCL - SPCL	IntraState	02/09/2020	16.50	02/09/2020	20.22	T	Distance Protection
Nagothane - Ipcl	IntraState	02/09/2020	16.50	02/09/2020	17.36	T	Distance Protection
Bhugaon-WardhaPG (Deoli)	IntraState	02/09/2020	19.19	02/09/2020	22.06	HT	To control Overdrawal

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