

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Sep/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	101.734	2826.212	1) Gujrat	11.909	247.975
2) Hydro	6.697	177.844	2) Madhya Pradesh	3.792	151.984
3) Gas	2.874	129.569	3) Chattisgarh	6.620	108.600
Total MSPGCL	111.305	3133.625	4) Maharashtra	105.016	3029.456
B) 1) APML	47.379	958.658	5) Goa (Amona)	-0.806	-9.739
2) JSWEL	16.476	403.832	Total	126.531	3528.276
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.344	577.033
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	23.562	637.529
5) WPCL	2.390	59.394	c) MSEDCL Bilateral *	26.214	676.322
6) Other IPP	6.676	171.393	Include PX	1.492	106.886
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.344	577.033
C) 1) TPCL Thermal	7.407	185.302	Include PX	15.309	400.804
2) TPCL Hydro	3.321	93.255	Standby	0.000	0.000
3) TPCL Gas	4.399	91.990	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.045	138.203	1) MSEDCL	328.211	8017.239
D) STATE			2) Mumbai Discoms	47.734	1146.278
1) Thermal	191.107	4742.994	TOTAL STATE	375.945	9163.517
(A1+C1+C4+(B1-B6))					
2) Hydro	10.018	271.099			
(A2+C2)					
3) Gas	7.273	221.559			
(A3+B7+C3)					
4) Wind	36.511	275.829			
6) SOLAR	4.505	123.761			
TOTAL STATE	249.414	5635.242			

* 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 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4236	4295	4540	4372
MSPGCL Hydro	323	637	722	146
MSPGCL Gas	117	118	117	127
MSPGCL Total Generation	4676	5050	5379	4645
Central Sector Receipt	6373	5488	5578	4304
WIND	1776	1672	1419	1010
CPP / IPP Thermal	2894	3019	3627	2867
CPP / IPP Gas	0	0	0	0
SOLAR	507	63	0	0
Exchange with Mumbai	-1311	-1107	-741	-804
MSEDCL DEMAND MET	14915	14185	15262	12022
Load Shedding	0	0	0	0
MSEDCL DEMAND	14915	14185	15262	12022
TPCL GENERATION	513	630	944	486
AEML GENERATION	371	369	485	371
MUMBAI DEMAND	2195	2106	2170	1661
STATE DEMAND MET	17110	16291	17432	13683
STATE DEMAND	17110	16291	17432	13683
Frequency (Hz)	50.06	49.98	50.03	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 11.00 Hrs	49.81 Hz at 18.14 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 23/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	10.18	250.93	521	300
Unit 9	10.13	248.55	466	370
Unit 10	0.00	186.39	0	0
Total	20.31	685.88		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	170.22	0	0
Unit 5	6.84	217.10	405	0
Total	6.84	387.32		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	19.70	0	0
Unit 7	0.00	30.40	0	0
Unit 8	0.00	64.10	0	0
Total	0.00	114.20		
Chandrapur				
Unit 3	3.61	88.25	157	131
Unit 4	3.64	60.63	157	148
Unit 5	8.84	214.06	385	350
Unit 6	8.74	75.71	400	325
Unit 7	0.00	0.00	0	0
Unit 8	9.00	232.25	425	360
Unit 9	9.12	227.36	450	360
Total	42.94	898.27		
Paras				
Unit 3	4.49	98.27	210	128
Unit 4	4.07	93.68	190	154
Total	8.56	191.96		
Khaparkheda				
Unit 1	3.24	76.78	160	115
Unit 2	3.66	74.24	160	140
Unit 3	3.42	85.88	160	118
Unit 4	3.82	88.01	162	150
Unit 5	8.94	223.68	425	358
Total	23.08	548.59		
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	2.87	129.57	139	106
Total	2.87	129.57		
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)	1.24	27.78	52	40

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.24	27.78		
Koyna				
Stage 1-2	2.18	60.06	370	40
Stage 4	0.00	42.06	0	0
Stage 3	1.19	25.80	240	0
Total	3.37	127.93		
Hydro				
KDPH	0.59	1.08	37	0
VTRNA	0.00	2.80	0	0
TILLARI	0.75	8.38	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.32	8.00	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.09	3.38	14	0
ELDARY	0.54	11.84	23	22
SMLHY_PTN	0.71	9.01	30	29
GHATGHAR	0.32	5.43	125	0
Total	3.32	49.92		
Wind				
Total	36.51	275.83	0	0
Total	36.51	275.83		
CPP				
APML(Mus)	47.38	958.66	0	0
JSWEL(Mus)	16.48	403.83	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.39	59.39	0	0
Other(Mus)	6.68	171.39	0	0
Total	72.92	1593.28		
SOLAR				
Total	4.50	123.76	0	0
Total	4.50	123.76		
Tata				
Trombay 5	7.41	185.30	404	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	57.75	118	116
Trombay 7B	1.59	34.24	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	3.32	93.26	362	3
Total	15.13	370.55		
AEML				
DTPS U-1&2	9.04	138.20	485	369
Total	9.04	138.20		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	101.73	2826.21	MSPGCL Total	111.30	3133.62
			MSPGCL Thml+Gas	104.61	2955.78	Koyna 1,2 & 4 Total	2.18	102.13
			MSPGCL Hydro	6.70	177.84	State Total	249.41	5635.24

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 23/Sep/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	4338	111	129	4578	1304	2849	0	0	5162	4732	-969	12494	0	12494	1833	14327	50.02
2	4338	116	139	4593	1140	2886	0	0	4426	4221	-879	11961	0	11961	1737	13698	50.01
3	4372	146	127	4645	1010	2867	0	0	4149	4304	-804	12022	0	12022	1661	13683	50.01
4	4337	174	126	4637	1047	2898	0	0	3889	4252	-741	12093	0	12093	1602	13695	49.99
5	4331	209	124	4664	1295	3033	0	0	4595	4389	-714	12667	0	12667	1576	14243	50.00
6	4355	214	122	4691	1500	3032	0	0	5138	4683	-748	13158	0	13158	1609	14767	50.00
7	4400	193	120	4713	1564	3111	0	30	5607	5675	-785	14308	0	14308	1645	15953	50.00
8	4484	187	120	4791	1577	3129	0	151	6103	6030	-910	14768	0	14768	1768	16536	49.99
9	4382	208	118	4708	1786	3008	0	336	6393	6010	-1112	14736	0	14736	1974	16710	50.02
10	4236	323	117	4676	1776	2894	0	507	6252	6373	-1311	14915	0	14915	2195	17110	50.06
11	4013	254	116	4383	1861	2967	0	588	5989	6179	-1337	14641	0	14641	2341	16982	50.02
12	3752	218	115	4085	1770	2990	0	642	6035	5890	-1362	14015	0	14015	2397	16412	50.02
13	3731	196	116	4043	1880	2828	0	626	5959	5694	-1357	13714	0	13714	2372	16086	49.97
14	3764	192	117	4073	1811	2863	0	587	5184	5250	-1258	13326	0	13326	2286	15612	49.98
15	3923	197	106	4226	2002	2798	0	491	5173	5138	-1207	13448	0	13448	2232	15680	49.99
16	4025	187	118	4330	2060	2786	0	302	5317	5070	-1151	13397	0	13397	2159	15556	49.97
17	4088	237	117	4442	1959	2792	0	182	5180	5281	-1081	13575	0	13575	2100	15675	49.96
18	4295	637	118	5050	1672	3019	0	63	5117	5488	-1107	14185	0	14185	2106	16291	49.98
19	4479	842	117	5438	1612	3373	0	0	5624	5562	-924	15061	0	15061	2153	17214	49.96
20	4540	722	117	5379	1419	3627	0	0	5419	5578	-741	15262	0	15262	2170	17432	50.03
21	4492	424	119	5035	1315	3553	0	0	5106	5501	-837	14567	0	14567	2072	16639	50.00
22	4508	344	118	4970	1127	3442	0	0	5148	5227	-792	13974	0	13974	1987	15961	49.95
23	4297	227	119	4643	1058	3154	0	0	5121	5142	-734	13263	0	13263	1923	15186	49.97
24	4254	139	119	4512	966	3022	0	0	4804	4862	-701	12661	0	12661	1836	14497	50.00
MUs	101.73	6.70	2.87	111.30	36.51	72.92	0.00	4.50	126.89	126.53	-23.56	328.21	0.00	328.21	47.73	375.94	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 23/Sep/2020

Position as on 6.30 Hrs of 24/Sep/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 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	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	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	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	
IPP	Adani U-2	660	01/09/2020	19.41		Continued.	Air pre-heater PA Bellow leakage.	
IPP	JSW (J) U3	300	09/09/2020	10.56		Continued.	CW Duct leakage	
MSPGCL	Parli Unit 6	250	11/09/2020	23.55		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	14/09/2020	00.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	14/09/2020	20.45		Continued.	Zero Schedule.	
MSPGCL	Koyna STG- IV Unit - 1	250	20/09/2020	12.00		Continued.	CT Maintenance Work.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 23/Sep/2020

Position as on 6.30 Hrs of 24/Sep/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	20/09/2020	20.14		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Uran Unit 6	108	21/09/2020	00.14		Continued.	For Boiler RLA Work & Validity Extension.	
MSPGCL	Koradi Unit 10	660	21/09/2020	17.33		Continued.	Converter Belt Problem.	
MSPGCL	Bhusawal Unit 5	500	23/09/2020	10.30	23/09/2020	13.57	High Drum Level	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 24/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 I	InterState	12/09/2020	01.05	23/09/2020	17.40	HT	Over Voltage
Chandrapur Bhadravati III	InterState	21/09/2020	03.26		Continued.	PO	1) For replacement of old damaged quadruple bus conductor of Main Bus-I in ICT-2 and 400KV Bus Coupler bay section span. 2)Tightening of nut bolts & hardware of Main Bus-I.
Chandrapur Bhadravati IV	InterState	21/09/2020	04.27		Continued.	PO	1) For replacement of old damaged quadruple bus conductor of Main Bus-I in ICT-2 and 400KV Bus Coupler bay section span. 2)Tightening of nut bolts & hardware of Main Bus-I.
Dhule Khandwa II	InterState	23/09/2020	17.54		Continued.	HT	Over Voltage
Akola II - RPL(Rattaniindia) Ckt I	IntraState	13/09/2020	17.56		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	16/09/2020	23.34		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	18/09/2020	21.47	23/09/2020	12.20	HT	Over Voltage
Dhule- Bableshtar - I	IntraState	21/09/2020	21.54		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	22/09/2020	20.06		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/09/2020	23.21	23/09/2020	09.03	HT	Over Voltage
Padghe - Kalwa- I	IntraState	22/09/2020	23.45	23/09/2020	08.21	HT	Over Voltage
Girwali-Solapur (Lamboti)	IntraState	23/09/2020	11.32	23/09/2020	19.21	PO	Replacement of suspension string Insulators
Padghe - Nagothane - II	IntraState	23/09/2020	12.32		Continued.	EO	To attend Hot Spot(RFC 16.36Hrs)
Padghe - Kalwa- I	IntraState	23/09/2020	23.15		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/09/2020	23.28		Continued.	HT	Over Voltage
karad -kolhapur-I	IntraState	24/09/2020	00.20		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	10/09/2020	09.58		Continued.	PO	Replacement of Existing 315 MVA ICT by 3*167 MVA ICT.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	22/09/2020	08.25	23/09/2020	22.51	T	Tripped on NDR
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	23/09/2020	09.12		Continued.	PO	Augmentation work of 400/220 315MVA ICT-II to 501MVA
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	23/09/2020	09.22	23/09/2020	11.16	T	Tripped on PRV
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)
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

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 23/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 24/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Uran - Jnpt	IntraState	18/09/2020	13.07		Continued.	PO	Removal of existing E/W and string of OPGW wire
Sawantwadi-Bidri	IntraState	22/09/2020	23.27	23/09/2020	08.35	HT	Over Voltage
Eklahara(Gcr)(Nasik)- Bableshwar 2	IntraState	23/09/2020	00.30	23/09/2020	06.45	HT	Attending Hot Spot
Bableshwar Ahamadnagar-li	IntraState	23/09/2020	01.30	23/09/2020	08.03	T	Distance Protection (decapped insulator string replacement at location 40A).
Mahad - Pedambe	IntraState	23/09/2020	11.50	23/09/2020	19.25	EO	To attend Hot Spot
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	23/09/2020	11.58	23/09/2020	15.28	EO	To disconnect Tuljapur-Lamboti-Vairag Line and to take Load on Vairag S/Stn.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	23/09/2020	12.48	23/09/2020	13.07	T	Distance Protection
Padghe - Jindal	IntraState	23/09/2020	14.48	23/09/2020	17.52	T	Wave Trap Burnt
Purti-Bhugaon	IntraState	23/09/2020	17.43	23/09/2020	21.01	T	Distance Protection
Sawantwadi-Bidri	IntraState	24/09/2020	00.15		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/132-110/11kv 200MVA ICT 1 @Miraj	IntraState	23/09/2020	09.01	23/09/2020	15.51	PO	OLTC overhauling work
220/132 Kv 100 Mva Ict 1 @South Solapur (Kumbhari)	IntraState	23/09/2020	12.56	23/09/2020	15.04	EO	Isolator Sparking
220/132 Kv 200MVA ICT II @Dhule	IntraState	23/09/2020	22.34	24/09/2020	01.53	T	Bus Bar Relay Maloperated
220/132 Kv 200 MVA ICT I @Dhule	IntraState	23/09/2020	22.34	24/09/2020	01.50	T	Bus Bar Relay Maloperated

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