

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 22/Sep/2020 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.896	2724.478	1) Gujrat	11.238	236.066
2) Hydro	5.529	171.147	2) Madhya Pradesh	2.774	148.192
3) Gas	3.174	126.695	3) Chattisgarh	6.160	101.980
Total MSPGCL	116.599	3022.320	4) Maharashtra	114.270	2924.440
B) 1) APML	50.263	911.279	5) Goa (Amona)	-1.154	-8.933
2) JSWEL	18.190	387.356	Total	133.288	3401.745
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.091	553.689
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	25.018	613.967
5) WPCL	2.572	57.004	c) MSEDCL Bilateral *	28.454	650.108
6) Other IPP	7.275	164.717	Include PX	2.451	105.394
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.091	553.689
C) 1) TPCL Thermal	7.567	177.895	Include PX	13.876	385.495
2) TPCL Hydro	4.154	89.934	Standby	0.000	0.000
3) TPCL Gas	4.396	87.591	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.225	129.158	1) MSEDCL	332.346	7689.028
D) STATE			2) Mumbai Discoms	50.360	1098.544
1) Thermal	202.988	4551.887	TOTAL STATE	382.706	8787.572
(A1+C1+C4+(B1-B6))					
2) Hydro	9.683	261.081			
(A2+C2)					
3) Gas	7.570	214.286			
(A3+B7+C3)					
4) Wind	24.202	239.318			
6) SOLAR	4.975	119.256			
TOTAL STATE	249.418	5385.828			

* 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	4961	4387	4804	4223
MSPGCL Hydro	205	309	473	162
MSPGCL Gas	129	129	139	130
MSPGCL Total Generation	5295	4825	5416	4515
Central Sector Receipt	6677	5783	5365	5016
WIND	752	1673	1506	534
CPP / IPP Thermal	3553	3186	3648	3173
CPP / IPP Gas	0	0	0	0
SOLAR	501	87	0	0
Exchange with Mumbai	-1342	-1223	-814	-868
MSEDCL DEMAND MET	15436	14331	15121	12370
Load Shedding	0	0	0	0
MSEDCL DEMAND	15436	14331	15121	12370
TPCL GENERATION	593	691	1012	483
AEML GENERATION	369	369	437	371
MUMBAI DEMAND	2304	2283	2263	1722
STATE DEMAND MET	17740	16614	17384	14092
STATE DEMAND	17740	16614	17384	14092
Frequency (Hz)	50.05	49.97	50.04	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 08:02 Hrs	49.82 Hz at 13:53 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 22/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	11.03	240.76	540	355
Unit 9	11.66	238.41	528	404
Unit 10	0.00	186.39	0	0
Total	22.69	665.57		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	170.22	0	0
Unit 5	8.68	210.25	410	340
Total	8.68	380.47		
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	3.57	84.64	157	139
Unit 4	3.60	56.99	158	140
Unit 5	9.18	205.22	415	345
Unit 6	9.16	66.97	425	350
Unit 7	0.00	0.00	0	0
Unit 8	9.62	223.26	460	360
Unit 9	9.82	218.25	480	360
Total	44.95	855.33		
Paras				
Unit 3	3.88	93.78	200	0
Unit 4	3.63	89.61	193	0
Total	7.52	183.39		
Khaparkheda				
Unit 1	3.24	73.54	155	110
Unit 2	3.86	70.58	180	150
Unit 3	3.66	82.47	160	134
Unit 4	4.06	84.19	180	162
Unit 5	9.25	214.74	470	345
Total	24.06	525.52		
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	3.17	126.70	140	127
Total	3.17	126.70		
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)	1.18	26.54	50	48

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	1.18	26.54		
Koyna				
Stage 1-2	2.13	57.88	330	45
Stage 4	0.09	42.06	71	0
Stage 3	0.58	24.61	80	0
Total	2.80	124.56		
Hydro				
KDPH	0.00	0.50	0	0
VTRNA	0.18	2.80	60	0
TILLARI	0.74	7.62	58	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.33	7.68	40	0
RNGR+BHTSA	0.00	0.00	0	0
BHANDARDRA	0.35	3.29	15	14
ELDARY	0.54	11.29	23	22
SMLHY_PTN	0.35	8.31	15	14
GHATGHAR	0.24	5.11	118	0
Total	2.72	46.59		
Wind				
Total	24.20	239.32	0	0
Total	24.20	239.32		
CPP				
APML(Mus)	50.26	911.28	0	0
JSWEL(Mus)	18.19	387.36	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.57	57.00	0	0
Other(Mus)	7.28	164.72	0	0
Total	78.30	1520.36		
SOLAR				
Total	4.98	119.26	0	0
Total	4.98	119.26		
Tata				
Trombay 5	7.57	177.90	385	297
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.81	54.94	118	116
Trombay 7B	1.59	32.65	67	65
Trombay 8	0.00	0.00	0	0
TATA Hydro	4.15	89.93	459	2
Total	16.12	355.42		
AEML				
DTPS U-1&2	9.22	129.16	496	369
Total	9.22	129.16		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.90	2724.48	MSPGCL Total	116.60	3022.32
			MSPGCL Thml+Gas	111.07	2851.17	Koyna 1,2 & 4 Total	2.22	99.95
			MSPGCL Hydro	5.53	171.15	State Total	249.42	5385.83

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 22/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	4352	162	140	4654	527	3159	0	0	5465	5397	-1081	12656	0	12656	1944	14600	50.01
2	4303	162	131	4596	624	3166	0	0	5275	5094	-958	12522	0	12522	1818	14340	50.00
3	4223	162	130	4515	534	3173	0	0	5125	5016	-868	12370	0	12370	1722	14092	49.98
4	4230	102	140	4472	448	3171	0	0	5062	5153	-802	12442	0	12442	1656	14098	50.00
5	4330	97	129	4556	486	3174	0	0	5102	5469	-782	12903	0	12903	1634	14537	49.99
6	4667	382	130	5179	405	3349	0	0	5246	5348	-805	13476	0	13476	1669	15145	49.99
7	4752	232	140	5124	473	3580	0	18	5820	5909	-653	14451	0	14451	1723	16174	49.99
8	4941	137	130	5208	447	3618	0	163	6491	6393	-894	14935	0	14935	1840	16775	49.98
9	4946	200	129	5275	578	3593	0	307	6641	6755	-1172	15336	0	15336	2058	17394	50.02
10	4961	205	129	5295	752	3553	0	501	6760	6677	-1342	15436	0	15436	2304	17740	50.05
11	4750	199	138	5087	792	3441	0	607	6785	6301	-1395	14833	0	14833	2482	17315	49.98
12	4476	209	128	4813	1043	3126	0	665	6652	6128	-1413	14362	0	14362	2555	16917	49.98
13	4369	163	129	4661	1170	2995	0	749	6424	5877	-1394	14058	0	14058	2522	16580	50.02
14	4319	164	128	4611	1410	2975	0	680	5806	5387	-1331	13732	0	13732	2409	16141	49.98
15	4192	158	127	4477	1465	2966	0	561	5774	5662	-1305	13826	0	13826	2383	16209	49.99
16	4168	237	139	4544	1497	3062	0	389	5363	5386	-1247	13631	0	13631	2350	15981	49.98
17	4203	242	129	4574	1735	3115	0	245	5574	5581	-1205	14045	0	14045	2310	16355	50.00
18	4387	309	129	4825	1673	3186	0	87	5710	5783	-1223	14331	0	14331	2283	16614	49.97
19	4717	606	130	5453	1644	3579	0	3	5487	5229	-933	14975	0	14975	2291	17266	49.96
20	4804	473	139	5416	1506	3648	0	0	5308	5365	-814	15121	0	15121	2263	17384	50.04
21	4593	295	130	5018	1346	3263	0	0	5068	5228	-892	13963	0	13963	2162	16125	50.03
22	4530	416	130	5076	1311	3218	0	0	4906	4904	-845	13664	0	13664	2076	15740	50.01
23	4436	121	140	4697	1217	3163	0	0	5260	4712	-821	12968	0	12968	1995	14963	50.02
24	4247	96	130	4473	1119	3027	0	0	5340	4534	-843	12310	0	12310	1911	14221	50.04
MUs	107.90	5.53	3.17	116.60	24.20	78.30	0.00	4.98	136.44	133.29	-25.02	332.35	0.00	332.35	50.36	382.71	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 22/Sep/2020

Position as on 6.30 Hrs of 23/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-3	135	12/08/2020	00.45		Continued.	Zero Schedule by MSEDCL	
CPP	SWPGL U-4	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 22/Sep/2020

Position as on 6.30 Hrs of 23/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	Paras Unit 4	250	22/09/2020	13.41	22/09/2020	17.00	Furnace Pressure High	
MSPGCL	Paras Unit 3	250	22/09/2020	20.15	22/09/2020	23.33	Attending Hot Spot	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 22/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 23/Sep/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	21/09/2020	23.46	22/09/2020	00.12	PO	Shifting From BUS 1 To BUS 2.
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		Continued.	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.
Akola II - RPL(Rattanindia) 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		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	19/09/2020	17.32	22/09/2020	09.10	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	20/09/2020	19.34	22/09/2020	09.01	HT	Over Voltage (CVT Problem).
karad -kolhapur-I	IntraState	21/09/2020	11.43	22/09/2020	08.04	EO	Attending Hot Spot (RFC 14.08).
Dhule- Bableshwar - I	IntraState	21/09/2020	21.54		Continued.	HT	Over Voltage
Bus Coupler @ Chandrapur	IntraState	22/09/2020	03.57		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
Main Bus I @ Chandrapur Sw	IntraState	22/09/2020	03.57		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
Khadka-Aurangabad (Waluj)	IntraState	22/09/2020	20.06		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	22/09/2020	23.21		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	22/09/2020	23.45	23/09/2020	08.21	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		Continued.	T	Tripped on NDR
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)
Mahalakshmi Amona	InterState	22/09/2020	06.09	22/09/2020	07.23	T	Distance Protection
Tillari Amona	InterState	22/09/2020	06.09	22/09/2020	15.40	T	Distance Protection
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.

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 22/Sep/2020

Statement-VII

Position as on 6.30 Hrs of 23/Sep/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
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
Karad(400kv) -Nigade	IntraState	17/09/2020	09.38	22/09/2020	18.22	PO	Construction work
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	17/09/2020	09.40	22/09/2020	18.18	PO	Making cut point to this tower to increase ground clearance
Uran - Jnpt	IntraState	18/09/2020	13.07		Continued.	PO	Removal of existing E/W and string of OPGW wire
Adlabs - Pedambe	IntraState	21/09/2020	18.30	22/09/2020	20.15	T	Distance Protection
Padghe - Jindal	IntraState	21/09/2020	20.38	22/09/2020	07.14	T	Fire On Wave Trap.
Parli 3 (Old Gcr)-Girwali Ckt 2	IntraState	21/09/2020	21.58	22/09/2020	02.17	EO	Hot Spot On B PH Jumper At LOC 1.
220kv Halkarni- Tillary	IntraState	22/09/2020	06.09	22/09/2020	06.58	T	Distance Protection
Satara (MIDC)-Ajinkyatara	IntraState	22/09/2020	10.26	22/09/2020	15.32	PO	Quarterly Maintainance Work
Kandalgaon - ONGC Panvel	IntraState	22/09/2020	12.25	22/09/2020	17.22	PO	Routine Maintenance Work
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).
220 KV ICT Outages/Trippings							
220/33kv 50mva Bbl @Oglewadi	IntraState	22/09/2020	09.07	22/09/2020	18.45	PO	Quarterly Maintainance Work
220/33kv 125 MVA Transformer 3 @Chembur R/S	IntraState	22/09/2020	10.39	22/09/2020	18.45	PO	Commissioing of 33kv Auto-Restoration scheme 2nd feed DPR

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