

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Sep/2021 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	103.894	2018.842	1) Gujrat	-7.271	-199.145
2) Hydro	25.479	280.318	2) Madhya Pradesh	13.123	106.702
3) Gas	5.692	130.704	3) Chattisgarh	5.760	92.090
Total MSPGCL	135.065	2429.864	4) Maharashtra	147.433	2699.256
B) 1) APLM	46.316	950.289	5) Goa (Amona)	-1.141	-19.983
2) JSWEL	12.745	254.682	Total	157.904	2678.920
3) VIPL	0.000	0.000	a) Mumbai Schedule	20.840	483.569
4) RPL(AMT)	24.307	455.143	b) Mumbai Drawl	18.081	458.538
5) SWPGPL	6.271	97.308	c) MSEDCL Bilateral *	54.197	695.526
6) Other IPP	6.215	105.290	Include PX	23.165	146.212
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	20.840	483.569
C) 1) TPCL Thermal	15.941	249.729	Include PX	11.018	160.729
2) TPCL Hydro	1.733	66.403	Standby	0.000	0.000
3) TPCL Gas	3.330	52.673	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.906	206.483	1) MSEDCL	393.938	7223.063
D) STATE			2) Mumbai Discoms	50.991	1033.828
1) Thermal	227.595	4337.766	TOTAL STATE	444.929	8256.891
(A1+C1+C4+(B1-B6))					
2) Hydro	27.212	346.721			
(A2+C2)					
3) Gas	9.022	183.377			
(A3+B7+C3)					
4) Wind	15.541	599.001			
6) SOLAR	7.655	111.104			
TOTAL STATE	287.025	5577.969			

* 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 3 Hrs
MSPGCL Thermal	4206	4143	4498	4353
MSPGCL Hydro	1053	916	1208	939
MSPGCL Gas	227	237	241	240
MSPGCL Total Generation	5486	5296	5947	5532
Central Sector Receipt	7622	7680	5665	5165
WIND	244	273	1104	744
CPP / IPP Thermal	4000	3911	4195	4226
CPP / IPP Gas	0	0	0	0
SOLAR	1050	1025	0	0
Exchange with Mumbai	-1020	-1013	-688	-623
MSEDCL DEMAND MET	17382	17172	16223	15044
Load Shedding	0	0	0	0
MSEDCL DEMAND	17382	17172	16223	15044
TPCL GENERATION	821	807	1103	804
AEML GENERATION	496	494	496	499
MUMBAI DEMAND	2337	2314	2287	1926
STATE DEMAND MET	19719	19486	18510	16970
STATE DEMAND	19719	19486	18510	16970
Frequency (Hz)	50.01	50.01	49.99	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 18.02 Hrs	49.8 Hz at 10.18 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 19/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.29	34.58	135	0
Unit 7	0.00	0.00	0	0
Unit 8	12.14	127.74	602	410
Unit 9	0.00	123.23	0	0
Unit 10	9.16	170.54	452	371
Total	23.59	456.08		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	9.62	151.64	410	350
Unit 5	0.00	125.00	0	0
Total	9.62	293.70		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	5.26	60.34	249	195
Unit 8	4.55	81.08	201	177
Total	9.80	141.42		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	25.91	0	0
Unit 5	6.34	124.16	290	220
Unit 6	6.49	71.34	299	200
Unit 7	7.19	137.14	314	290
Unit 8	10.13	170.42	445	388
Unit 9	7.73	103.75	383	0
Total	37.87	644.24		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	4.47	73.17	200	160
Total	4.47	93.87		
Khaparkheda				
Unit 1	0.00	24.46	0	0
Unit 2	0.00	34.67	0	0
Unit 3	2.90	62.93	135	100
Unit 4	3.03	62.53	135	115
Unit 5	5.90	126.36	270	225
Total	11.82	310.95		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.73	38.91	160	129
Unit 5	2.99	39.67	156	0
Total	6.72	78.57		
Uran				
All Units	5.69	130.70	251	227
Total	5.69	130.70		
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)	0.01	6.25	7	0
Total	0.01	6.25		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	6.50	56.36	535	45
Stage 4	8.40	58.38	995	0
Stage 3	3.59	32.05	320	0
Total	18.48	146.80		
Hydro				
KDPH	0.00	4.44	0	0
VTRNA	0.53	4.04	60	0
TILLARI	0.48	4.02	60	0
BHIRA T.R.	0.36	7.23	40	0
SMLHY_PTN	4.87	101.39	217	191
GHATGHAR	0.75	12.39	250	0
Total	6.99	133.52		
Wind				
Total	15.54	599.00	0	0
Total	15.54	599.00		
CPP				
APML(Mus)	46.32	950.29	0	0
JSWEL(Mus)	12.74	254.68	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.31	455.14	0	0
SWPGPL-Mus	6.27	97.31	0	0
Other(Mus)	6.22	105.29	0	0
Total	95.85	1862.71		
SOLAR				
Total	7.66	111.10	0	0
Total	7.66	111.10		
Tata				
Trombay 5	10.70	162.65	476	337
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.97	33.13	117	63
Trombay 7B	1.36	19.54	67	51
Trombay 8	5.24	87.08	223	215
TATA Hydro	1.73	66.40	232	0
Total	21.00	368.80		
AEMIL				
DTPS U-1&2	11.91	206.48	499	493
Total	11.91	206.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	103.89	2018.84	MSPGCL Total	135.06	2429.86
			MSPGCL Thml+Gas	109.59	2149.55	Koyna 1,2 & 4 Total	14.90	114.75
			MSPGCL Hydro	25.48	280.32	State Total	287.02	5577.97

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Sep/2021

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	4064	1434	239	5737	910	4323	0	0	5381	5103	-856	15217	0	15217	2166	17383	49.92
2	4179	1196	241	5616	892	4312	0	0	5284	5144	-713	15251	0	15251	2034	17285	49.99
3	4353	939	240	5532	744	4226	0	0	5472	5165	-623	15044	0	15044	1926	16970	50.02
4	4316	991	241	5548	615	4010	0	0	5401	5631	-589	15215	0	15215	1860	17075	49.94
5	4411	1441	241	6093	513	3832	0	0	5462	5586	-556	15468	0	15468	1836	17304	50.02
6	4427	1718	241	6386	465	3797	0	0	6197	6278	-579	16347	0	16347	1891	18238	50.01
7	4389	1910	231	6530	405	3858	0	54	6997	7305	-586	17566	0	17566	1885	19451	50.00
8	4376	1925	241	6542	312	3903	0	276	7667	7623	-616	18040	0	18040	1922	19962	50.03
9	4388	1200	249	5837	271	3890	0	583	7986	7772	-717	17636	0	17636	2038	19674	50.05
10	4397	1117	228	5742	246	3936	0	795	7693	7592	-864	17447	0	17447	2176	19623	49.97
11	4254	1060	239	5553	229	4007	0	941	7771	7617	-975	17372	0	17372	2283	19655	49.92
12	4206	1053	227	5486	244	4000	0	1050	7685	7622	-1020	17382	0	17382	2337	19719	50.01
13	4143	916	237	5296	273	3911	0	1025	7921	7680	-1013	17172	0	17172	2314	19486	50.01
14	4130	508	227	4865	356	3869	0	934	8229	7916	-959	16981	0	16981	2235	19216	50.03
15	4242	500	228	4970	479	3847	0	914	7915	7726	-918	17018	0	17018	2209	19227	50.00
16	4426	504	228	5158	590	3870	0	643	7509	7693	-864	17090	0	17090	2205	19295	50.02
17	4471	478	238	5187	790	3916	0	339	7249	7322	-722	16832	0	16832	2171	19003	50.02
18	4492	323	230	5045	917	3942	0	99	6976	6941	-675	16269	0	16269	2130	18399	50.04
19	4451	747	231	5429	1071	4109	0	2	6405	6230	-645	16196	0	16196	2173	18369	50.01
20	4498	1208	241	5947	1104	4195	0	0	6332	5665	-688	16223	0	16223	2287	18510	49.99
21	4386	1318	240	5944	1046	4098	0	0	5473	5600	-700	15988	0	15988	2270	18258	50.00
22	4314	1551	251	6116	1069	4014	0	0	5458	5259	-714	15744	0	15744	2246	17990	50.00
23	4280	885	242	5407	1005	3976	0	0	5876	5801	-726	15463	0	15463	2208	17671	50.01
24	4301	557	241	5099	995	4013	0	0	5994	5633	-763	14977	0	14977	2189	17166	50.01
MUs	103.89	25.48	5.69	135.07	15.54	95.85	0.00	7.66	160.33	157.90	-18.08	393.94	0.00	393.94	50.99	444.93	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 19/Sep/2021

Position as on 6.30 Hrs of 20/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	RPL(AMT) U-4	270	02/09/2021	00.00		Continued.	Annual Overhaul	
MSPGCL	Chandrapur Unit 3	210	04/09/2021	23.58		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
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. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Parli Unit 6	250	26/08/2021	21.06		Continued.	Coal Shortage (Converted to AOH 00.00Hrs from Dt.01/09/2021)	
MSPGCL	Nasik Unit 3	210	30/08/2021	22.51		Continued.	Against case 4.which was outage on Loss of Fuel(From 19.44Hrs DT.26-08-2021	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Paras Unit 3	250	06/09/2021	09.20		Continued.	Turbine bearing Vabration high	
IPP	JSW (J) U3	300	07/09/2021	10.20		Continued.	Non availability of load scheduling.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Khaparkheda Unit 1	210	11/09/2021	19.37		Continued.	Coal Shortage.	
MSPGCL	Khaparkheda Unit 2	210	12/09/2021	21.59		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	15/09/2021	05.19		Continued.	Air pre-heater work.	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	23.54		Continued.	Poor coal receipt	
MSPGCL	Uran Unit 5	108	17/09/2021	12.09		Continued.	Tripped On Under exciter Protection.	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 9	500	18/09/2021	19.49	19/09/2021	01.35	Drum level low	
MSPGCL	Bhusawal Unit 5	500	18/09/2021	21.00		Continued.	Coal Shortage	
MSPGCL	Koyna STG-IV Unit-4	250	18/09/2021	22.20	19/09/2021	05.40	Oil Leakage	
IPP	Adani U-5	660	19/09/2021	03.47		Continued.	Abnormal Sound in Turbine governing system.	
MSPGCL	Koradi Unit 6	210	19/09/2021	10.02	19/09/2021	14.45	Air Flow Less Than Required Value.	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50		Continued.	Coal Shortage.	
MSPGCL	Chandrapur Unit 5	500	20/09/2021	10.25	20/09/2021	20.37	Furnace Pressure High	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 20/Sep/2021

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
Parli(MS)-Parli (PG) I	InterState	20/09/2021	16.40	20/09/2021	18.02	HT	Sparking on Y phase Isolator
Bus Coupler @ Lonikand	IntraState	16/09/2021	09.48		Continued.	PO	CB overhauling work.
Khadka-Aurangabad (Waluj)	IntraState	16/09/2021	21.09	19/09/2021	09.20	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	17/09/2021	18.02	19/09/2021	11.47	T	Distance Protection
N.Koyna-Karad -Ckt II	IntraState	19/09/2021	03.54	19/09/2021	14.38	T	Distance Protection
Kalwa - Kharghar	IntraState	19/09/2021	09.21	19/09/2021	16.25	EO	Replacement of Faulty Main-2 Relay
Ektuni-Bableswhar ckt I	IntraState	19/09/2021	09.54	19/09/2021	19.34	PO	CT, CB Relay Testing Work & 29D & 29C Isolator Repairing Work.
Khadka-Aurangabad (Waluj)	IntraState	19/09/2021	18.08	20/09/2021	08.52	HT	Over Voltage
Karad-Jaigad - I	IntraState	19/09/2021	20.56	20/09/2021	08.59	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	20/09/2021	09.22	20/09/2021	19.22	PO	To replace Disc Insulators
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	20/09/2021	11.53	20/09/2021	20.13	PO	Rectifying line defects
Khadka-Aurangabad (Waluj)	IntraState	20/09/2021	20.18		Continued.	HT	Over Voltage
Pune(GIS)-Parli(PG) Ckt 1	IntraState	20/09/2021	22.47	20/09/2021	00.23	EO	Hotspot of 384 Deg at Expansion clamp of R phase CT in TBC bay.
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	07/09/2021	20.23		Continued.	T	Differential protection.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Borivali - Tarapur	InterState	18/09/2021	21.43	19/09/2021	00.01	HT	Emergency outage on Bus section -1 of Borivali for isolating Aarey Ckt-2.
MSETCL Borivli Aarey 2	IntraState	18/09/2021	09.26	19/09/2021	21.20	PO	Breaker Overhauling At Borivali End.
PANDHARPUR BHALVANI	IntraState	19/09/2021	11.42	19/09/2021	13.30	PO	Disc Insulator Replacement Work
Waluj-Padegaon I	IntraState	19/09/2021	13.00	19/09/2021	13.39	T	Distance Protection
Waluj- Padegaon li	IntraState	19/09/2021	13.00	19/09/2021	13.35	T	B/UP Protection Operated.
Khadka-Chalisgaon-1	IntraState	20/09/2021	09.25	20/09/2021	16.57	PO	Routine Maintenance Work
Eklahara-(Ocr)(Nashik)-Navasari I	IntraState	20/09/2021	10.04	20/09/2021	16.27	PO	Replacement of Old Disc Insulator
Loteparshuram- Dasturi Line	IntraState	20/09/2021	10.30	20/09/2021	14.17	PO	Bus outage at Lote s/stn
New Koyna - Loteparshuram	IntraState	20/09/2021	10.40	20/09/2021	19.10	PO	CC Replacement
Adlabs - Pedambe	IntraState	20/09/2021	10.43	20/09/2021	17.30	T	Distance Protection
Parli 2-(Girwali) -Murud	IntraState	20/09/2021	10.55	20/09/2021	18.51	PO	Isolator alignment work
Uran - Kharghar I	IntraState	20/09/2021	15.24		Continued.	PO	Cable charging and connection (RFC 02.15)
Karad - Kadegaon	IntraState	20/09/2021	15.25	20/09/2021	17.58	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/132KV 200MVA ICT-II @ Miraj	IntraState	20/09/2021	08.51	20/09/2021	17.00	PO	Winding resistance measurement work
220/132 Kv 100 Mva Ict 1 @South Solapur (Kumbhari)	IntraState	20/09/2021	11.00	20/09/2021	15.39	PO	Testing Work
220/132 Kv 100mva Ict 2 @South Solapur (Kumbhari)	IntraState	20/09/2021	15.42	20/09/2021	17.45	PO	Testing Work

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