

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 16/Sep/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.044	1683.459	1) Gujrat	-9.980	-174.418
2) Hydro	15.567	215.584	2) Madhya Pradesh	12.154	70.127
3) Gas	5.325	114.008	3) Chattisgarh	6.370	74.220
Total MSPGCL	130.936	2013.051	4) Maharashtra	132.536	2277.827
B) 1) APLM	52.518	803.109	5) Goa (Amona)	-1.629	-16.256
2) JSWEL	12.194	217.429	Total	139.451	2231.500
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.112	410.321
4) RPL(AMT)	24.105	380.030	b) Mumbai Drawl	26.127	391.135
5) SWPGPL	5.915	78.770	c) MSEDCL Bilateral *	38.692	564.429
6) Other IPP	5.541	86.713	Include PX	8.797	103.675
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.112	410.321
C) 1) TPCL Thermal	11.414	207.626	Include PX	15.565	121.152
2) TPCL Hydro	4.107	56.732	Standby	0.000	0.000
3) TPCL Gas	4.068	42.606	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.012	171.909	1) MSEDCL	386.776	6036.640
D) STATE			2) Mumbai Discoms	56.728	870.010
1) Thermal	232.743	3629.045	TOTAL STATE	443.504	6906.650
(A1+C1+C4+(B1-B6))					
2) Hydro	19.674	272.316			
(A2+C2)					
3) Gas	9.393	156.614			
(A3+B7+C3)					
4) Wind	35.573	527.035			
6) SOLAR	6.670	90.138			
TOTAL STATE	304.053	4675.148			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 17 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4794	5047	4969	4029
MSPGCL Hydro	364	490	2358	340
MSPGCL Gas	221	220	222	223
MSPGCL Total Generation	5379	5757	7549	4592
Central Sector Receipt	7180	5945	5642	4627
WIND	1689	1375	1177	1497
CPP / IPP Thermal	4476	4262	4221	4425
CPP / IPP Gas	0	0	0	0
SOLAR	537	309	0	0
Exchange with Mumbai	-1381	-1250	-1032	-656
MSEDCL DEMAND MET	17880	16398	17557	14485
Load Shedding	0	0	0	0
MSEDCL DEMAND	17880	16398	17557	14485
TPCL GENERATION	655	937	1101	693
AEML GENERATION	304	495	494	493
MUMBAI DEMAND	2340	2682	2627	1842
STATE DEMAND MET	20220	19080	20184	16327
STATE DEMAND	20220	19080	20184	16327
Frequency (Hz)	50.07	50.00	49.98	49.94

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 08.00 Hrs	49.8 Hz at 17.46 Hrs	49.99	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 16/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.50	26.46	150	0
Unit 7	0.00	0.00	0	0
Unit 8	12.26	90.28	547	370
Unit 9	0.00	123.23	0	0
Unit 10	11.24	137.74	510	370
Total	26.00	377.72		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	8.38	125.66	430	280
Unit 5	8.56	109.18	430	280
Total	16.94	251.89		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	3.25	44.21	234	0
Unit 8	4.37	67.32	201	148
Total	7.62	111.54		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	25.91	0	0
Unit 5	7.08	104.04	320	270
Unit 6	6.68	52.28	305	219
Unit 7	7.88	115.31	360	277
Unit 8	7.86	142.19	390	275
Unit 9	8.28	78.88	408	282
Total	37.78	530.13		
Paras				
Unit 3	0.00	20.70	0	0
Unit 4	3.74	61.05	201	143
Total	3.74	81.75		
Khaparkheda				
Unit 1	0.00	24.46	0	0
Unit 2	0.00	34.67	0	0
Unit 3	3.23	53.63	150	130
Unit 4	3.18	53.36	140	130
Unit 5	6.05	107.66	275	225
Total	12.46	273.78		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	1.98	27.67	194	0
Unit 5	3.53	28.98	184	124
Total	5.51	56.65		
Uran				
All Units	5.32	114.01	226	210
Total	5.32	114.01		
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	6.07	13	0
Total	0.02	6.07		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.83	40.93	510	40
Stage 4	3.16	38.93	995	0
Stage 3	1.52	24.45	240	0
Total	7.50	104.31		
Hydro				
KDPH	0.86	3.76	36	36
VTRNA	0.34	2.50	60	0
TILLARI	0.63	3.10	60	0
BHIRA T.R.	0.32	6.11	40	0
SMLHY_PTN	5.00	86.01	228	191
GHATGHAR	0.91	9.81	250	0
Total	8.06	111.28		
Wind				
Total	35.57	527.04	0	0
Total	35.57	527.04		
CPP				
APML(Mus)	52.52	803.11	0	0
JSWEL(Mus)	12.19	217.43	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.10	380.03	0	0
SWPGPL-Mus	5.92	78.77	0	0
Other(Mus)	5.54	86.71	0	0
Total	100.27	1566.05		
SOLAR				
Total	6.67	90.14	0	0
Total	6.67	90.14		
Tata				
Trombay 5	6.61	135.34	277	272
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.54	27.15	118	83
Trombay 7B	1.53	15.45	68	56
Trombay 8	4.80	72.29	220	137
TATA Hydro	4.11	56.73	427	0
Total	19.59	306.96		
AEML				
DTPS U-1&2	11.01	171.91	495	285
Total	11.01	171.91		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	110.04	1683.46	MSPGCL Total	130.94	2013.05
			MSPGCL Thml+Gas	115.37	1797.47	Koyna 1,2 & 4 Total	5.99	79.86
			MSPGCL Hydro	15.57	215.58	State Total	304.05	4675.15

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/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	3958	675	216	4849	1461	4246	0	0	4873	5107	-766	14897	0	14897	2082	16979	49.99
2	4053	353	226	4632	1494	4420	0	0	4773	4632	-687	14491	0	14491	1942	16433	50.00
3	4029	340	223	4592	1497	4425	0	0	4709	4627	-656	14485	0	14485	1842	16327	49.94
4	4164	333	226	4723	1582	4448	0	0	4751	4405	-604	14554	0	14554	1774	16328	50.00
5	4472	351	224	5047	1514	4452	0	0	5010	4760	-692	15081	0	15081	1758	16839	50.01
6	4532	348	225	5105	1530	4476	0	0	5757	5642	-921	15832	0	15832	1805	17637	49.99
7	4678	345	225	5248	1430	4464	0	37	6802	6468	-957	16690	0	16690	1879	18569	50.01
8	4802	349	224	5375	1252	4526	0	230	7503	7303	-946	17740	0	17740	2056	19796	50.03
9	4794	364	221	5379	1689	4476	0	537	7695	7180	-1381	17880	0	17880	2340	20220	50.07
10	4560	385	221	5166	1930	4117	0	736	7111	6928	-1590	17287	0	17287	2645	19932	50.01
11	4594	419	210	5223	2088	4032	0	842	6601	6461	-1620	17026	0	17026	2857	19883	50.01
12	4379	377	220	4976	2109	3720	0	884	6795	6391	-1571	16509	0	16509	2916	19425	49.98
13	4075	432	219	4726	2032	3534	0	966	6477	6371	-1517	16112	0	16112	2850	18962	49.97
14	4095	448	220	4763	1663	3384	0	799	6239	6324	-1445	15488	0	15488	2725	18213	49.98
15	4405	662	219	5286	1651	3622	0	684	6139	6172	-1464	15951	0	15951	2724	18675	49.97
16	4611	522	220	5353	1328	3911	0	537	6177	6296	-1440	15985	0	15985	2722	18707	50.02
17	5047	490	220	5757	1375	4262	0	309	6067	5945	-1250	16398	0	16398	2682	19080	50.00
18	5030	578	221	5829	1155	4332	0	109	6361	6042	-1119	16348	0	16348	2619	18967	49.92
19	4910	1748	222	6880	1154	4276	0	0	5738	5846	-1034	17122	0	17122	2602	19724	49.94
20	4969	2358	222	7549	1177	4221	0	0	5596	5642	-1032	17557	0	17557	2627	20184	49.98
21	4985	1606	224	6815	1213	4256	0	0	5620	5424	-918	16790	0	16790	2473	19263	50.01
22	5003	1170	226	6399	1158	4264	0	0	5362	5168	-850	16139	0	16139	2355	18494	50.01
23	5008	537	225	5770	1004	4174	0	0	5464	5386	-845	15489	0	15489	2252	17741	50.02
24	4891	377	226	5494	1087	4235	0	0	5515	4931	-822	14925	0	14925	2201	17126	50.01
MUs	110.04	15.57	5.33	130.94	35.57	100.27	0.00	6.67	143.13	139.45	-26.13	386.78	0.00	386.78	56.73	443.50	49.99

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 16/Sep/2021

Position as on 6.30 Hrs of 17/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 U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	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	Bhusawal Unit 3	210	05/09/2021	20.05		Continued.	Zero schedule.	
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	Koradi Unit 6	210	07/09/2021	19.36	16/09/2021	04.29	PA Fan problem	
MSPGCL	Nasik Unit 4	210	07/09/2021	20.03	16/09/2021	10.30	PA Fan problem(Converted to Zero schedule from 12.00Hrs DT.13-09-2021)	
MSPGCL	Parli Unit 7	250	09/09/2021	20.00	16/09/2021	04.13	Zero Schedule.	
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	Uran Unit 6	108	14/09/2021	15.02	17/09/2021	12.42	Sparking at exciter.	
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.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 16/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 17/Sep/2021

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	16/09/2021	23.06	17/09/2021	06.48	EO	To Smoothing Reactor Buchholz alarm at padghe end
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
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	16/09/2021	08.36	17/09/2021	01.08	PO	Line Maintenance work
Parli(MS)-Parli (PG) I	InterState	17/09/2021	10.36	17/09/2021	19.10	PO	For line terminal AMP works at Parli end and 400KV-PARLI-M-PARLI-2 A/R to be keep in non auto mode for safety measures.
Dhule- Bableshwar - I	IntraState	04/09/2021	06.37		Continued.	PO	Samruddhi expressway crossing tower erection work.
Dhule - Bableshwar - II	IntraState	04/09/2021	06.40		Continued.	PO	Samruddhi expressway crossing tower erection work.
Girwali-Solapur (Lamboti)	IntraState	16/09/2021	09.47	16/09/2021	19.10	PO	Testing Work
Bus Coupler @ Lonikand	IntraState	16/09/2021	09.48		Continued.	PO	CB overhauling work.
Khadka-Aurangabad (Waluj)	IntraState	16/09/2021	21.09		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-II	IntraState	17/09/2021	09.26	17/09/2021	17.37	PO	To attend spring Charging problem of R PH CB mechanism by GE service engineer.
Jaigad-Karad Ckt-II	IntraState	17/09/2021	18.02		Continued.	T	Distance Protection
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.
400/220 kv 500 MVA ICT III @ Jejuri	IntraState	16/09/2021	10.13	16/09/2021	22.02	PO	Testing Work
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	16/09/2021	11.40	16/09/2021	16.46	PO	Isolator repair & alignment work.
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)
Karad(400kv) - Ogalewadi Ckt 2	IntraState	16/09/2021	09.09	16/09/2021	13.23	PO	To attend Hot Spot
Vankuswade - Kdph	IntraState	16/09/2021	10.05	16/09/2021	17.40	PO	Insulator Replacement Work
Bombay Dyeing - Sahara	IntraState	16/09/2021	10.20	16/09/2021	17.25	PO	Insulator Replacement Work
Nalasopara-Boisar	IntraState	16/09/2021	10.33	17/09/2021	13.58	T	Distance Protection
Jambhul - Anandnagar	IntraState	17/09/2021	09.38	17/09/2021	19.07	PO	Work : Fixing of Additional Jumper cut point To Tension locations.
Vankuswade - Kdph	IntraState	17/09/2021	09.55	17/09/2021	16.45	PO	Replacement of Long Rod Polymer insulator strings near Vankuswade S/s (fault prone area) from Loc No.42 to 48 Vankuswade L I L O portion.
Gadchandur - Virur-I	IntraState	17/09/2021	10.32	17/09/2021	12.30	PO	For Tan Delta Of CT & Megger Of LA.
GIS Bhandup - Borivali	IntraState	17/09/2021	12.10	17/09/2021	18.44	PO	Distance Protection,Z-1 R-PH & Y-PH, 35.75KA, 34.35KA, 0.7KM FROM BORIVALI.
220 KV ICT Outages/Trippings							
220/132-110/11kv 200MVA ICT 1 @Miraj	IntraState	16/09/2021	14.43	16/09/2021	16.20	EO	Cleaning of fire detector relay sensor.

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