

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.401	1908.477	1) Gujrat	-9.843	-154.783
2) Hydro	14.550	464.176	2) Madhya Pradesh	6.043	114.991
3) Gas	4.823	78.652	3) Chattisgarh	4.460	70.560
Total MSPGCL	150.774	2451.305	4) Maharashtra	149.938	2275.995
B) 1) APML	61.535	884.214	5) Goa (Amona)	-0.856	-17.099
2) JSWEL	16.192	308.968	Total	149.742	2289.664
3) VIPL	0.000	0.000	a) Mumbai Schedule	29.859	395.374
4) RPL(AMT)	18.347	232.573	b) Mumbai Drawl	28.731	416.621
5) SWPGPL	5.861	83.177	c) MSEDCL Bilateral *	34.863	606.025
6) Other IPP	5.769	87.507	Include PX	0.577	124.720
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	29.858	395.260
C) 1) TPCL Thermal	15.290	256.409	Include PX	4.175	38.937
2) TPCL Hydro	3.361	79.820	Standby	0.002	0.114
3) TPCL Gas	3.726	49.589	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.749	174.888	1) MSEDCL	390.508	6119.728
D) STATE			2) Mumbai Discoms	59.857	977.329
1) Thermal	263.144	3936.213	TOTAL STATE	450.365	7097.057
(A1+C1+C4+(B1-B6))					
2) Hydro	17.911	543.996			
(A2+C2)					
3) Gas	8.549	128.241			
(A3+B7+C3)					
4) Wind	5.017	85.464			
6) SOLAR	6.002	113.477			
TOTAL STATE	300.623	4807.391			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5740	5598	5640	5074
MSPGCL Hydro	473	1010	1583	280
MSPGCL Gas	229	235	230	151
MSPGCL Total Generation	6442	6843	7453	5505
Central Sector Receipt	7455	7289	6048	5012
WIND	74	133	199	399
CPP / IPP Thermal	4549	4553	5004	3721
CPP / IPP Gas	0	0	0	0
SOLAR	847	423	0	0
Exchange with Mumbai	-1510	-1581	-992	-945
MSEDCL DEMAND MET	17857	17660	17712	13692
Load Shedding	0	0	0	0
MSEDCL DEMAND	17857	17660	17712	13692
TPCL GENERATION	957	932	1241	769
AEML GENERATION	327	344	501	303
MUMBAI DEMAND	2794	2857	2734	2017
STATE DEMAND MET	20651	20517	20446	15709
STATE DEMAND	20651	20517	20446	15709
Frequency (Hz)	49.96	49.87	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 06.03 Hrs	49.63 Hz at 18.13 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 16/Oct/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.52	48.28	175	120
Unit 7	0.00	0.00	0	0
Unit 8	12.78	197.42	573	402
Unit 9	0.00	133.58	0	0
Unit 10	12.79	110.14	562	450
Total	29.09	489.42		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.38	137.18	390	285
Unit 5	8.29	81.96	380	280
Total	16.68	219.14		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.31	68.56	230	151
Unit 8	4.22	67.59	206	154
Total	8.53	136.15		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.61	31.76	162	122
Unit 5	8.55	68.73	415	255
Unit 6	6.27	94.00	296	210
Unit 7	8.09	119.17	368	300
Unit 8	9.67	138.08	430	353
Unit 9	9.46	136.30	420	360
Total	45.67	588.03		
Paras				
Unit 3	3.58	70.14	220	105
Unit 4	4.15	14.11	222	153
Total	7.73	84.26		
Khaparkheda				
Unit 1	2.39	43.50	125	85
Unit 2	2.70	50.88	125	100
Unit 3	3.31	55.54	152	130
Unit 4	3.26	56.76	150	127
Unit 5	8.31	125.71	430	295
Total	19.96	332.40		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.75	59.08	188	116
Unit 5	0.00	0.00	0	0
Total	3.75	59.08		
Uran				
All Units	4.82	78.65	241	141
Total	4.82	78.65		
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)	0.54	8.22	26	10
Total	0.54	8.22		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.92	97.06	510	40
Stage 4	3.03	192.45	831	0
Stage 3	1.68	62.31	320	0
Total	8.63	351.83		
Hydro				
KDPH	0.00	0.00	0	0
VTRNA	0.00	4.15	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.31	5.97	40	0
SMLHY_PTN	5.13	93.52	235	176
GHATGHAR	0.48	8.70	180	0
Total	5.92	112.35		
Wind				
Total	5.02	85.46	0	0
Total	5.02	85.46		
CPP				
APML(Mus)	61.54	884.21	0	0
JSWEL(Mus)	16.19	308.97	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.35	232.57	0	0
SWPGPL-Mus	5.86	83.18	0	0
Other(Mus)	5.77	87.51	0	0
Total	107.70	1596.44		
SOLAR				
Total	6.00	113.48	0	0
Total	6.00	113.48		
Tata				
Trombay 5	10.27	173.19	476	288
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.28	29.47	113	79
Trombay 7B	1.44	20.12	66	55
Trombay 8	5.02	83.22	217	142
TATA Hydro	3.36	79.82	385	0
Total	22.38	385.82		
AEML				
DTPS U-1&2	8.75	174.89	502	287
Total	8.75	174.89		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.40	1908.48	MSPGCL Total	150.77	2451.30
			MSPGCL Thml+Gas	136.22	1987.13	Koyna 1,2 & 4 Total	6.95	289.52
			MSPGCL Hydro	14.55	464.18	State Total	300.62	4807.39

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 16/Oct/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	5037	339	231	5607	307	4076	0	0	5365	5188	-1376	13802	0	13802	2411	16213	49.95
2	5050	397	181	5628	344	3780	0	0	5297	5363	-1178	13937	0	13937	2257	16194	49.99
3	5201	273	141	5615	387	3730	0	0	5228	4894	-1025	13601	0	13601	2116	15717	50.00
4	5074	280	151	5505	399	3721	0	0	5346	5012	-945	13692	0	13692	2017	15709	50.01
5	5257	272	141	5670	388	3940	0	0	5456	5354	-908	14444	0	14444	1968	16412	50.01
6	5424	291	141	5856	416	4355	0	0	5511	5471	-917	15181	0	15181	1997	17178	49.98
7	5739	352	142	6233	335	4698	0	32	5458	5455	-779	15974	0	15974	2013	17987	49.99
8	5869	349	141	6359	222	4852	0	231	5795	5868	-781	16751	0	16751	2083	18834	50.00
9	5624	285	161	6070	125	4703	0	498	6251	6580	-1003	16973	0	16973	2284	19257	49.99
10	5578	409	220	6207	127	4349	0	717	6911	7356	-1451	17305	0	17305	2568	19873	50.00
11	5740	473	229	6442	74	4549	0	847	7412	7455	-1510	17857	0	17857	2794	20651	49.96
12	5559	404	226	6189	60	4444	0	885	7729	7680	-1546	17712	0	17712	2893	20605	49.91
13	5350	424	226	6000	73	4234	0	716	7895	7939	-1554	17408	0	17408	2875	20283	49.99
14	5382	435	225	6042	39	4244	0	770	7417	7773	-1634	17234	0	17234	2757	19991	49.99
15	5506	614	215	6335	103	4555	0	639	7378	7512	-1632	17512	0	17512	2814	20326	49.94
16	5598	1010	235	6843	133	4553	0	423	7276	7289	-1581	17660	0	17660	2857	20517	49.87
17	5551	1287	226	7064	148	4600	0	194	6836	6553	-1487	17072	0	17072	2807	19879	49.85
18	5569	1199	227	6995	159	4817	0	50	6492	6269	-1325	16965	0	16965	2734	19699	49.86
19	5793	1520	218	7531	121	5002	0	0	6440	5928	-1109	17473	0	17473	2769	20242	49.92
20	5640	1583	230	7453	199	5004	0	0	6127	6048	-992	17712	0	17712	2734	20446	50.01
21	5523	904	221	6648	126	4971	0	0	5958	5807	-931	16621	0	16621	2649	19270	50.00
22	5517	410	241	6168	102	4907	0	0	5903	5793	-892	16078	0	16078	2557	18635	50.02
23	5490	464	222	6176	433	4759	0	0	5699	5600	-1052	15916	0	15916	2456	18372	49.96
24	5330	576	232	6138	197	4861	0	0	5532	5555	-1123	15628	0	15628	2447	18075	49.97
MUs	131.40	14.55	4.82	150.77	5.02	107.70	0.00	6.00	150.71	149.74	-28.73	390.51	0.00	390.51	59.86	450.37	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 16/Oct/2021

Position as on 6.30 Hrs of 17/Oct/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
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	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50		Continued.	Coal Shortage.	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
IPP	RPL(AMT) U-1	270	05/10/2021	22.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	12/10/2021	20.12	17/10/2021	11.02	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	14/10/2021	22.04		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	16/10/2021	01.33	16/10/2021	08.46	Gas shortage	
MSPGCL	Khaparkheda Unit 1	210	17/10/2021	14.14		Continued.	Due To Poor Coal Receipt.	
MSPGCL	Chandrapur Unit 6	500	17/10/2021	18.40		Continued.	Tripped Due To Boiler Tripped On Total Air Flow less than 30%.	

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

Statement-VII

Position as on 6.30 Hrs of 17/Oct/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 1	IntraState	15/10/2021	23.04	17/10/2021	08.55	EO	B-Phase CB replacement work.
Chandrapur - Padghe Hvdc Pole 2	IntraState	17/10/2021	15.28	17/10/2021	16.26	T	Due To Base filter Tripped.
Chandrapur - Padghe Hvdc Pole 1	IntraState	17/10/2021	15.28		Continued.	T	Due To Base filter Tripped.
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
Khadka-Aurangabad (Waluj)	IntraState	11/10/2021	12.33		Continued.	PO	Height raising/shifting work of S/C 400kV Waluj- Bhusawal line for Samruddhi Mahamarg. ie. 1) Dismantling of loc no. 125 (D+6). 126 (D+6).
Karad - Lonikand 1	IntraState	12/10/2021	14.30		Continued.	HT	To control line loading of 400KV Kalwa-Talegaon PG
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)
Boiser(M)-Boiser(PG) -III	InterState	17/10/2021	11.21	17/10/2021	21.18	PO	Replacement Of 3 nos. Of CTs (800/400/1A) by spare higher ratio CTs(1600/800/1A).
Kalwa - Siemens	IntraState	15/10/2021	23.25	16/10/2021	14.40	T	Distance Protection
Pirangut - Hinjawadi 2	IntraState	16/10/2021	09.22	16/10/2021	18.29	PO	Replacement of faulty Insulators
Vita - Ghatnandre	IntraState	16/10/2021	09.57	16/10/2021	18.13	PO	C & Tan delta testing.
Nanded-Ghatodi	IntraState	16/10/2021	10.20	16/10/2021	16.21	EO	To attend Hot Spot
Babhleshwar Ahamadnagar-Ii	IntraState	16/10/2021	11.10	16/10/2021	14.14	PO	Replacement of Faulty string
AHMEDNAGAR-BHOSE (BELWANI) CKT-I	IntraState	16/10/2021	11.22	16/10/2021	22.25	PO	Isolator Alignment and stringing work
JEJURI (400 Kv) - GIS KONDHWA	IntraState	16/10/2021	13.25	16/10/2021	15.48	PO	Testing Work
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	16/10/2021	13.34		Continued.	EO	CB Compressor Overhauling Work.
Kalwa-TIFIL	IntraState	16/10/2021	14.45	16/10/2021	19.44	PO	To attend Hot Spot
Trombay - Kalwa	IntraState	16/10/2021	16.00	16/10/2021	19.21	EO	To attend Hot Spot
Trombay-Salsette II	IntraState	16/10/2021	23.09	17/10/2021	04.20	PO	For metro work.
Kalwa Salsette III	IntraState	17/10/2021	06.00	17/10/2021	09.48	EO	Tree Cutting
Boisar II - Tarapur	IntraState	17/10/2021	11.16	17/10/2021	17.02	EO	for safety purpose.
Boisar Versova Line	IntraState	17/10/2021	11.27	17/10/2021	21.36	HT	Load Management.
Boisar(M) - Ghodbunder	IntraState	17/10/2021	20.13	17/10/2021	21.31	HT	Load Management.
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT II @Babhleshwar	IntraState	16/10/2021	05.09	16/10/2021	16.02	T	differentiate protection.
220/132 KV ICT 6 @ Eklahare	IntraState	16/10/2021	10.14	16/10/2021	16.53	PO	Replacement of faulty suspension string.
220/132 Kv 200mva Cgl Ptr No 3 @Chinchwad	IntraState	16/10/2021	10.23	16/10/2021	18.26	PO	CTR MAKE NIFPS Maintenance & Bushing tan delta.
220/132 KV 100MVA ICT-I @ Belewadi	IntraState	16/10/2021	11.25	16/10/2021	22.25	PO	Isolator Alignment and stringing work
Dharavi : 220 / 110 / 33 250 MVA ICT 8	IntraState	17/10/2021	09.42	17/10/2021	16.16	PO	Destringing of conductor in vicinity.

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