

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Nov/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	149.433	439.419	1) Gujrat	-5.052	-19.073
2) Hydro	9.495	42.254	2) Madhya Pradesh	7.608	26.316
3) Gas	5.602	18.472	3) Chattisgarh	5.570	19.450
Total MSPGCL	164.530	500.145	4) Maharashtra	158.817	485.993
B) 1) APLM	56.615	168.773	5) Goa (Amona)	-1.461	-4.135
2) JSWEL	14.025	41.081	Total	165.482	508.551
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.936	86.779
4) RPL(AMT)	17.957	55.579	b) Mumbai Drawl	31.690	92.820
5) SWPGPL	4.714	10.845	c) MSEDCL Bilateral *	49.822	144.842
6) Other IPP	23.594	68.595	Include PX	14.087	39.997
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.936	86.779
C) 1) TPCL Thermal	11.602	35.664	Include PX	23.536	64.190
2) TPCL Hydro	4.446	13.456	Standby	0.000	0.000
3) TPCL Gas	2.542	9.907	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.506	29.056	1) MSEDCL	432.444	1315.160
D) STATE			2) Mumbai Discoms	59.786	180.903
1) Thermal	287.446	849.012	TOTAL STATE	492.230	1496.063
(A1+C1+C4+(B1-B6))					
2) Hydro	13.941	55.710			
(A2+C2)					
3) Gas	8.144	28.379			
(A3+B7+C3)					
4) Wind	10.497	32.223			
6) SOLAR	6.720	22.188			
TOTAL STATE	326.748	987.512			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6564	6244	6454	5734
MSPGCL Hydro	668	289	318	433
MSPGCL Gas	229	227	229	203
MSPGCL Total Generation	7461	6760	7001	6370
Central Sector Receipt	8538	8727	6979	5380
WIND	343	328	201	408
CPP / IPP Thermal	5049	5011	4928	4707
CPP / IPP Gas	0	0	0	0
SOLAR	902	995	0	0
Exchange with Mumbai	-1564	-1740	-1352	-1272
MSEDCL DEMAND MET	20729	20081	17757	15593
Load Shedding	0	0	0	0
MSEDCL DEMAND	20729	20081	17757	15593
TPCL GENERATION	837	706	1069	708
AEML GENERATION	443	435	354	435
MUMBAI DEMAND	2844	2881	2775	2415
STATE DEMAND MET	23573	22962	20532	18008
STATE DEMAND	23573	22962	20532	18008
Frequency (Hz)	50.06	50.01	50.06	49.99

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 10:58 Hrs	49.74 Hz at 09:11 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 03/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.27	10.27	180	100
Unit 7	0.00	0.00	0	0
Unit 8	11.51	37.84	487	470
Unit 9	12.05	37.31	525	483
Unit 10	11.48	36.79	501	470
Total	38.31	122.21		
Bhusawal				
Unit 3	3.24	9.94	155	120
Unit 4	10.34	30.98	480	360
Unit 5	10.31	29.88	460	390
Total	23.89	70.80		
Parli				
Unit 6	4.15	12.34	209	104
Unit 7	4.02	12.74	198	151
Unit 8	4.15	13.09	212	150
Total	12.32	38.17		
Chandrapur				
Unit 3	3.16	5.39	139	121
Unit 4	3.21	10.22	155	112
Unit 5	8.14	26.20	380	290
Unit 6	0.00	0.00	0	0
Unit 7	8.45	26.64	413	295
Unit 8	9.82	28.59	442	370
Unit 9	10.08	29.85	471	385
Total	42.86	126.88		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	3.98	6.66	209	145
Total	3.98	6.66		
Khaparkheda				
Unit 1	2.74	8.20	125	95
Unit 2	3.36	10.68	170	120
Unit 3	3.53	11.14	180	125
Unit 4	3.26	10.64	166	122
Unit 5	9.64	14.58	450	275
Total	22.53	55.23		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	2.59	9.93	148	0
Unit 5	2.97	9.54	154	112
Total	5.56	19.46		
Uran				
All Units	5.60	18.47	253	203
Total	5.60	18.47		
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)	0.75	2.02	34	19
Total	0.75	2.02		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.68	11.80	380	35
Stage 4	0.31	7.48	129	0
Stage 3	0.50	3.85	80	0
Total	3.50	23.13		
Hydro				
KDPH	0.43	1.30	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.24	0.66	80	0
SMLHY_PTN	5.33	15.59	229	205
GHATGHAR	0.00	1.58	0	0
Total	6.00	19.12		
Wind				
Total	10.50	32.22	0	0
Total	10.50	32.22		
CPP				
APML(Mus)	56.62	168.77	0	0
JSWEL(Mus)	14.02	41.08	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	17.96	55.58	0	0
SWPGPL-Mus	4.71	10.84	0	0
Other(Mus)	23.59	68.60	0	0
Total	116.90	344.87		
SOLAR				
Total	6.72	22.19	0	0
Total	6.72	22.19		
Tata				
Trombay 5	6.85	21.37	407	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.41	5.90	62	54
Trombay 7B	1.14	4.01	49	44
Trombay 8	4.75	14.29	220	169
TATA Hydro	4.45	13.46	435	11
Total	18.59	59.03		
AEMIL				
DTPS U-1&2	9.51	29.06	443	334
Total	9.51	29.06		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	149.43	439.42	MSPGCL Total	164.53	500.14
			MSPGCL Thml+Gas	155.04	457.89	Koyna 1,2 & 4 Total	3.00	19.28
			MSPGCL Hydro	9.50	42.25	State Total	326.75	987.51

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Nov/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	5807	284	233	6324	919	4426	0	0	6291	6142	-1249	16562	0	16562	2351	18913	50.00
2	5922	280	244	6446	864	4437	0	0	6199	5981	-1178	16550	0	16550	2185	18735	49.97
3	5924	285	253	6462	891	4614	0	0	6176	5615	-1060	16522	0	16522	2039	18561	49.99
4	5928	283	243	6454	809	4711	0	0	6113	5679	-980	16673	0	16673	1954	18627	49.95
5	6076	285	234	6595	711	4918	0	0	6160	6098	-955	17367	0	17367	1921	19288	49.99
6	6418	333	244	6995	587	5151	0	0	6432	6491	-989	18235	0	18235	1971	20206	50.01
7	6541	372	245	7158	486	5160	0	12	6975	6825	-916	18725	0	18725	2013	20738	49.99
8	6628	370	234	7232	456	5051	0	165	6903	6992	-831	19065	0	19065	2132	21197	49.96
9	6595	372	242	7209	402	5064	0	425	7175	6955	-1185	18870	0	18870	2366	21236	49.91
10	6252	779	240	7271	393	4924	0	720	7691	7537	-1292	19553	0	19553	2644	22197	49.90
11	6564	668	229	7461	343	5049	0	902	8576	8538	-1564	20729	0	20729	2844	23573	50.06
12	6583	418	238	7239	323	5057	0	988	8812	8652	-1782	20477	0	20477	2917	23394	50.05
13	6244	289	227	6760	328	5011	0	995	8816	8727	-1740	20081	0	20081	2881	22962	50.01
14	6237	377	225	6839	234	4860	0	958	8309	8200	-1699	19392	0	19392	2807	22199	50.02
15	6611	404	226	7241	212	4922	0	783	8235	8309	-1745	19722	0	19722	2848	22570	50.01
16	6392	539	225	7156	206	4901	0	493	8339	8301	-1689	19368	0	19368	2864	22232	49.95
17	6556	415	235	7206	174	4881	0	247	8171	7480	-1515	18473	0	18473	2823	21296	50.02
18	6174	277	228	6679	186	4797	0	32	7022	6814	-1358	17150	0	17150	2750	19900	49.97
19	6454	318	229	7001	201	4928	0	0	6796	6979	-1352	17757	0	17757	2775	20532	50.06
20	6325	321	230	6876	285	5079	0	0	6645	6458	-1348	17350	0	17350	2670	20020	50.04
21	6017	283	251	6551	368	4965	0	0	6066	5877	-1340	16421	0	16421	2606	19027	50.00
22	5676	505	232	6413	363	4628	0	0	5811	5934	-1347	15991	0	15991	2542	18533	49.97
23	5775	605	212	6592	348	4664	0	0	5936	5518	-1304	15818	0	15818	2468	18286	49.95
24	5734	433	203	6370	408	4707	0	0	5924	5380	-1272	15593	0	15593	2415	18008	49.99
MUs	149.43	9.49	5.60	164.53	10.50	116.91	0.00	6.72	169.57	165.48	-31.69	432.44	0.00	432.44	59.79	492.23	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 03/Nov/2021

Position as on 6.30 Hrs of 04/Nov/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	
MSPGCL	Chandrapur Unit 6	500	17/10/2021	18.40		Continued.	Boiler Tripped On Total Air Flow less than 30%.(Converted to AOH 00:00 hrs 18.10.2021)	
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)	
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	
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	
IPP	JSW (J) U4	300	22/10/2021	21.45		Continued.	Due to no schedule.	
MSPGCL	Paras Unit 3	250	27/10/2021	19.05		Continued.	Air heater problem	
IPP	SWPGPL U-4	135	28/10/2021	20.18	04/11/2021	00.49	Bearing vibration high	
IPP	SWPGPL U-2	135	31/10/2021	23.47	03/11/2021	05.58	ID Fan Vibration High.	
MSPGCL	Uran Unit 5	108	02/11/2021	00.21		Continued.	Gas shortage	
MSPGCL	Nasik Unit 4	210	03/11/2021	21.02		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 7	500	04/11/2021	06.33	04/11/2021	18.25	Turbine Overspeed	
MSPGCL	Parli Unit 6	250	04/11/2021	16.50		Continued.	Zero schedule	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 03/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 04/Nov/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
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 - Jaigad - II	IntraState	03/11/2021	20.35		Continued.	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	04/11/2021	21.31		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	03/11/2021	11.06	03/11/2021	14.27	PO	checking of Main conservator air cell and topping of oil
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)
Solapur(PG)- Jeur	InterState	03/11/2021	19.41	04/11/2021	06.42	T	Distance Protection
Mahalakshmi Amona	InterState	03/11/2021	21.45	03/11/2021	23.24	T	Distance Protection
Padegaon-Sawangi	IntraState	29/10/2021	08.23	04/11/2021	15.30	PO	Height raising at 1st crossing form LOC no.38 to LOC no41 & 2nd crossing form LOC no.22 to 23 for samruddhi mahamarg crossing (ORC) packing NME.
Walchandnagar-Bhigwan	IntraState	03/11/2021	10.35	03/11/2021	14.05	EO	Sparking of Main Bus Isolator of Walchandnagar Bay
Kandalgaon - Koyna (Pophali)	IntraState	03/11/2021	12.05	03/11/2021	18.25	EO	Tree cutting
Oni Kharepatan Line	IntraState	04/11/2021	15.01	04/11/2021	16.16	T	Backup protection operated
Adlabs - Pedambe	IntraState	04/11/2021	17.53		Continued.	T	Distance Protection
Dasturi-Kandalgaon Line	IntraState	04/11/2021	17.55		Continued.	T	Distance Protection
Jejuri (400 Kv)- Baramati li	IntraState	04/11/2021	19.57		Continued.	T	Coupling capacitor burst R-ph
220 KV ICT Outages/Trippings							
220/132 kV 200 Mva ICT-II @Boisar -li	IntraState	04/11/2021	09.38	04/11/2021	12.45	EO	Attending Hot Spot
220/132 Kv 200 Mva Cgl lct 1 @Boisar-li	IntraState	04/11/2021	13.58	04/11/2021	17.47	EO	Attending Hot Spot

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