

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Nov/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	148.225	3702.449	1) Gujrat	-6.687	-162.073
2) Hydro	6.325	268.716	2) Madhya Pradesh	6.574	158.815
3) Gas	5.727	136.294	3) Chattisgarh	6.870	79.090
Total MSPGCL	160.277	4107.459	4) Maharashtra	147.897	4014.284
B) 1) APML	57.091	1372.596	5) Goa (Amona)	-1.867	-40.502
2) JSWEL	14.276	354.200	Total	152.787	4049.614
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.959	750.144
4) RPL(AMT)	23.474	553.676	b) Mumbai Drawl	30.997	748.588
5) SWPGPL	7.560	186.791	c) MSEDCL Bilateral *	39.437	1180.449
6) Other IPP	36.245	774.475	Include PX	1.233	230.588
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.959	750.112
C) 1) TPCL Thermal	14.257	327.731	Include PX	16.330	440.713
2) TPCL Hydro	5.573	106.581	Standby	0.000	0.032
3) TPCL Gas	2.160	83.433	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.251	257.810	1) MSEDCL	435.241	11142.291
D) STATE			2) Mumbai Discoms	63.238	1524.141
1) Thermal	311.379	7529.728	TOTAL STATE	498.479	12666.432
(A1+C1+C4+(B1-B6))					
2) Hydro	11.898	375.297			
(A2+C2)					
3) Gas	7.887	219.727			
(A3+B7+C3)					
4) Wind	7.318	322.934			
6) SOLAR	7.210	169.134			
TOTAL STATE	345.692	8616.820			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	6235	6173	6784	5431
MSPGCL Hydro	285	305	549	201
MSPGCL Gas	238	225	240	243
MSPGCL Total Generation	6758	6703	7573	5875
Central Sector Receipt	7400	7482	6203	5757
WIND	297	241	152	645
CPP / IPP Thermal	5482	5081	6294	5448
CPP / IPP Gas	0	0	0	0
SOLAR	1073	1028	0	0
Exchange with Mumbai	-1446	-1410	-1275	-1201
MSEDCL DEMAND MET	19564	19125	18947	16524
Load Shedding	0	0	0	0
MSEDCL DEMAND	19564	19125	18947	16524
TPCL GENERATION	1231	1234	1201	531
AEML GENERATION	500	500	501	366
MUMBAI DEMAND	3177	3144	2977	2098
STATE DEMAND MET	22741	22269	21924	18622
STATE DEMAND	22741	22269	21924	18622
Frequency (Hz)	50.00	49.96	49.95	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.21 Hz at 13.03 Hrs	49.78 Hz at 09.32 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 26/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.34	89.11	180	120
Unit 7	0.00	0.00	0	0
Unit 8	14.95	219.92	646	598
Unit 9	11.68	334.84	624	17
Unit 10	13.74	329.35	585	562
Total	43.72	973.22		
Bhusawal				
Unit 3	0.60	70.88	125	0
Unit 4	8.10	232.58	420	280
Unit 5	8.26	248.76	450	280
Total	16.95	552.22		
Parli				
Unit 6	2.94	56.01	193	0
Unit 7	4.05	104.73	248	144
Unit 8	3.93	107.02	204	148
Total	10.92	267.76		
Chandrapur				
Unit 3	0.00	55.43	0	0
Unit 4	3.18	81.44	143	120
Unit 5	8.63	209.70	385	318
Unit 6	0.00	0.00	0	0
Unit 7	8.34	201.20	372	307
Unit 8	9.29	241.27	402	360
Unit 9	9.46	250.98	430	367
Total	38.90	1040.01		
Paras				
Unit 3	3.98	53.34	246	137
Unit 4	4.01	104.24	239	144
Total	7.99	157.59		
Khaparkheda				
Unit 1	3.00	71.22	140	110
Unit 2	2.92	83.26	125	115
Unit 3	3.34	84.39	162	124
Unit 4	3.20	88.81	158	120
Unit 5	10.43	241.65	450	425
Total	22.90	569.33		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.13	53.57	140	119
Unit 5	3.72	88.75	191	119
Total	6.85	142.32		
Uran				
All Units	5.73	136.29	254	225
Total	5.73	136.29		
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	7.21	8	0
Total	0.02	7.21		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	1.53	76.64	325	40
Stage 4	0.00	34.22	0	0
Stage 3	0.43	24.45	140	0
Total	1.96	135.30		
Hydro				
KDPH	0.00	1.58	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.11	0.11	58	0
BHIRA T.R.	0.32	5.96	80	0
SMLHY_PTN	3.93	123.11	184	151
GHATGHAR	0.00	2.65	0	0
Total	4.36	133.42		
Wind				
Total	7.32	322.93	0	0
Total	7.32	322.93		
CPP				
APML(Mus)	57.09	1372.60	0	0
JSWEL(Mus)	14.28	354.20	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	23.47	553.68	0	0
SWPGPL-Mus	7.56	186.79	0	0
Other(Mus)	36.24	774.48	0	0
Total	138.65	3241.74		
SOLAR				
Total	7.21	169.13	0	0
Total	7.21	169.13		
Tata				
Trombay 5	9.28	204.10	482	258
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.18	49.82	49	49
Trombay 7B	0.98	33.61	42	40
Trombay 8	4.97	123.64	220	182
TATA Hydro	5.57	106.58	444	0
Total	21.99	517.74		
AEMIL				
DTPS U-1&2	10.25	257.81	501	354
Total	10.25	257.81		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	148.22	3702.45	MSPGCL Total	160.28	4107.46
			MSPGCL Thml+Gas	153.95	3838.74	Koyna 1,2 & 4 Total	1.53	110.85
			MSPGCL Hydro	6.32	268.72	State Total	345.69	8616.82

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Nov/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5365	201	232	5798	696	5657	0	0	6200	5865	-1275	16741	0	16741	2413	19154	49.98
2	5412	207	242	5861	763	5575	0	0	6020	5791	-1284	16706	0	16706	2230	18936	49.91
3	5431	201	243	5875	645	5448	0	0	5907	5757	-1201	16524	0	16524	2098	18622	50.02
4	5521	196	243	5960	549	5483	0	0	5942	5790	-1100	16682	0	16682	2005	18687	50.00
5	5690	207	254	6151	485	5756	0	0	5876	5859	-1071	17180	0	17180	1970	19150	50.01
6	6046	238	244	6528	379	5974	0	0	6013	6192	-1119	17954	0	17954	2013	19967	50.02
7	6574	347	254	7175	303	6168	0	3	6107	6207	-1055	18802	0	18802	2093	20894	50.00
8	6738	340	244	7322	255	6243	0	154	6295	6237	-959	19252	0	19252	2245	21497	49.98
9	6480	303	253	7036	219	6018	0	485	6834	6744	-1228	19274	0	19274	2521	21794	50.00
10	6421	274	240	6935	203	6124	0	763	7064	6851	-1471	19406	0	19406	2840	22246	49.96
11	6406	287	229	6922	299	6063	0	976	7427	6748	-1403	19605	0	19605	3087	22692	50.01
12	6235	285	238	6758	297	5482	0	1073	7688	7400	-1446	19564	0	19564	3177	22741	50.00
13	6173	305	225	6703	241	5081	0	1028	7704	7482	-1410	19125	0	19125	3144	22269	49.96
14	6138	219	226	6583	226	4990	0	1052	7729	7492	-1288	19055	0	19055	3021	22076	50.07
15	6142	202	225	6569	174	5170	0	839	7831	7708	-1346	19114	0	19114	3079	22193	49.99
16	6259	221	225	6705	192	5703	0	566	7409	7255	-1387	19034	0	19034	3104	22138	49.96
17	6402	248	227	6877	138	6118	0	244	6569	6494	-1323	18548	0	18548	3049	21596	49.98
18	6654	293	237	7184	134	6267	0	27	6064	6097	-1252	18457	0	18457	2978	21435	49.93
19	6784	549	240	7573	152	6294	0	0	6347	6203	-1275	18947	0	18947	2977	21924	49.95
20	6825	267	240	7332	179	6296	0	0	6426	5766	-1221	18352	0	18352	2892	21244	50.02
21	6334	221	230	6785	171	6062	0	0	5881	5600	-1232	17386	0	17386	2732	20118	50.01
22	6088	204	242	6534	140	5902	0	0	6160	5772	-1521	16827	0	16827	2590	19417	50.01
23	6075	244	242	6561	188	5488	0	0	6274	5767	-1561	16442	0	16442	2507	18950	50.01
24	6032	266	252	6550	290	5285	0	0	6283	5710	-1569	16266	0	16266	2473	18739	50.00
MUs	148.23	6.33	5.73	160.28	7.32	138.65	0.00	7.21	158.05	152.79	-31.00	435.24	0.00	435.24	63.24	498.48	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 26/Nov/2021

Position as on 6.30 Hrs of 27/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 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)	
IPP	Adani U-4	660	10/11/2021	23.58		Continued.	Capital Overhauling	
IPP	JSW (J) U2	300	19/11/2021	01.26		Continued.	Zero schedule.	
MSPGCL	Koyna STG-IV Unit-4	250	22/11/2021	09.55		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)	
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	Uran Unit 5	108	07/11/2021	23.28		Continued.	Turbine problem.	
IPP	RPL(AMT) U-4	270	16/11/2021	00.00		Continued.	Coal Shortage	
MSPGCL	Parli Unit 6	250	17/11/2021	14.37	26/11/2021	01.45	Clinker formation	
MSPGCL	Bhusawal Unit 3	210	21/11/2021	11.06	26/11/2021	17.00	Withdrawn due to Drum Pressure Sensing line leakage attending work.	
MSPGCL	Chandrapur Unit 3	210	23/11/2021	12.02		Continued.	ID Fan Problem	
MSPGCL	Koradi Unit 9	660	25/11/2021	20.00	26/11/2021	00.35	Attending Hotspot on line isolator of GT-9 bay.	
MSPGCL	Bhusawal Unit 5	500	27/11/2021	07.47	27/11/2021	11.37	Dur to class 'A' protection operated.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 27/Nov/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	22/11/2021	16.33		Continued.	PO	Annual Maintenance Work Of HVDC Pole 2 equipment & line.
Chandrapur - Padghe Hvdc Pole 1	IntraState	26/11/2021	14.30		Continued.	PO	Annual Maintenance Work
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
Main Bus- II @ Jejuri	InterState	27/11/2021	10.43	27/11/2021	19.15	PO	For faulty insulator string replacement.
Deepnagar Taptitanda	IntraState	26/11/2021	10.50	26/11/2021	17.30	PO	Testing Work
Khadka-Aurangabad (Waluj)	IntraState	27/11/2021	12.30	27/11/2021	13.25	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220/33kv 315mva Ict3 @Lonikand	IntraState	26/11/2021	09.15	26/11/2021	19.03	PO	Half yearly maintenance work
400/220 kv 500MVA ICT-I @ Alkud	IntraState	27/11/2021	12.52	27/11/2021	15.12	T	Buccholz Protection Optd
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)
Khaparkheda-Butibori 3	InterState	26/11/2021	11.06	26/11/2021	16.43	PO	Routine Maintenance Work
REL Borivali Aarey Line	IntraState	18/11/2021	09.20	27/11/2021	14.25	PO	Under MMRD Line Diversion scheme for Metro-3 project 220kV Outdoor termination of 220kV AEML Aarey and overhead connection at MMRC pylon yard.
Loteparshuram- Dasturi Line	IntraState	25/11/2021	13.27	26/11/2021	01.15	T	Distance Protection
Khadka-Chalisgaon-1	IntraState	26/11/2021	08.47	26/11/2021	11.16	PO	String replacement
Kandalgaon - ONGC Panvel	IntraState	26/11/2021	09.11	26/11/2021	15.50	PO	Earth wire replacement
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	26/11/2021	09.23	26/11/2021	17.19	PO	Replacement of Insulator String
Kharepatan -Pawas Line	IntraState	26/11/2021	10.15	26/11/2021	18.11	PO	Testing Work
Hinganghat - Bhugaon	IntraState	26/11/2021	10.35	26/11/2021	16.20	PO	Testing Work
Badnera Tss-I	IntraState	26/11/2021	10.45	26/11/2021	18.25	PO	Routine Maintenance Work
Vita-Hiwarwadi	IntraState	26/11/2021	12.00	26/11/2021	18.28	PO	Routine Maintenance Work
Aurangabad (waluj)-Taptitanda ckt-2	IntraState	26/11/2021	12.40	26/11/2021	16.32	PO	Testing Work
K'Kheda- Suryalakshmi	IntraState	26/11/2021	12.46	26/11/2021	14.55	PO	Testing of CT and PT
Kalmeshwar-Kalmeshwar Rly Tss 1	IntraState	26/11/2021	13.59	26/11/2021	18.57	PO	Replacement of Damaged 220KV Main Bus Jumper
Parli(U-VIII) GCR CKT	IntraState	26/11/2021	14.58	26/11/2021	17.50	PO	cable connection
Bableshwar Ahamadnagar-li	IntraState	27/11/2021	08.32	27/11/2021	19.29	PO	Wave trap and CC replacement work.
Dhamangaon New - Badnera	IntraState	27/11/2021	08.43	27/11/2021	18.30	PO	Routine Maintenance Work
Raymond - TKES	IntraState	27/11/2021	09.10	27/11/2021	17.13	PO	Annual maintenance work at consumer end and opportunity 220 KV Bus outage at Raymond end.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	27/11/2021	09.16	27/11/2021	18.34	PO	For replacement disc insulator string by long rod AF insulator string in foggy region at tower Location no-86 to 144.
Chakan-Mahindra Vehicle	IntraState	27/11/2021	09.34	27/11/2021	13.46	PO	For opening jumper of outgoing isolator of consumer bay-2.

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 26/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 27/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220 KV VIRODA - AMALNER	IntraState	27/11/2021	09.51	27/11/2021	15.28	PO	Diagnostic testing work.
Waluj - Degaon Rangari	IntraState	27/11/2021	11.33	27/11/2021	15.14	PO	Attending Hot Spot
Butibori - Khaperkheda	IntraState	27/11/2021	11.57	27/11/2021	15.34	PO	Tan delta of CT work.
Kandalgaon - ONGC Panvel	IntraState	27/11/2021	13.13	27/11/2021	19.35	PO	for replacement of existing earthwire by new OPGW from Loc no. 603 to 640
220 KV ICT Outages/Trippings							
Salsette : 220 / 110 / 22 250 MVA ICT 2	IntraState	26/11/2021	09.03	26/11/2021	17.21	PO	NGT replacement
220KV/132KV 200MVA ICT III @ Miraj	IntraState	26/11/2021	09.30	26/11/2021	14.25	PO	Tan Delta Measurment of CTs
220/132 Kv 200 Mva Cgl Ict 1 @Boisar-Ii	IntraState	26/11/2021	10.12		Continued.	PO	Bay Maintenance work(after outage while charging at 15.03Hrs Y Phase HV/LV Bushing Blast)
220/132kv 100MVA ICT-II @ Alephata	IntraState	26/11/2021	10.18	26/11/2021	17.44	PO	CTR servicing work

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