

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 18/Nov/2021 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	143.070	2566.361	1) Gujrat	-2.598	-115.228
2) Hydro	12.342	202.194	2) Madhya Pradesh	8.244	109.338
3) Gas	5.641	98.151	3) Chattisgarh	0.000	72.220
Total MSPGCL	161.053	2866.706	4) Maharashtra	157.818	2742.455
B) 1) APLM	56.893	935.855	5) Goa (Amona)	-1.857	-28.103
2) JSWEL	13.068	247.789	Total	161.607	2780.682
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.525	499.299
4) RPL(AMT)	24.379	373.512	b) Mumbai Drawl	29.992	508.744
5) SWPGPL	7.996	127.572	c) MSEDCL Bilateral *	47.452	839.994
6) Other IPP	33.853	500.161	Include PX	10.077	188.166
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.525	499.299
C) 1) TPCL Thermal	13.631	217.120	Include PX	16.706	303.860
2) TPCL Hydro	5.481	66.878	Standby	0.000	0.000
3) TPCL Gas	3.697	62.477	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.400	174.147	1) MSEDCL	445.823	7697.888
D) STATE			2) Mumbai Discoms	63.201	1029.365
1) Thermal	303.290	5142.517	TOTAL STATE	509.024	8727.253
(A1+C1+C4+(B1-B6))					
2) Hydro	17.823	269.072			
(A2+C2)					
3) Gas	9.338	160.628			
(A3+B7+C3)					
4) Wind	11.337	252.507			
6) SOLAR	5.629	121.848			
TOTAL STATE	347.417	5946.572			

* 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	6256	5773	6313	5416
MSPGCL Hydro	326	286	1275	349
MSPGCL Gas	218	226	241	253
MSPGCL Total Generation	6800	6285	7829	6018
Central Sector Receipt	8073	8163	6372	6109
WIND	607	519	214	843
CPP / IPP Thermal	6141	5829	5870	4908
CPP / IPP Gas	0	0	0	0
SOLAR	797	793	1	0
Exchange with Mumbai	-1362	-1333	-1257	-1155
MSEDCL DEMAND MET	21056	20256	19029	16723
Load Shedding	0	0	0	0
MSEDCL DEMAND	21056	20256	19029	16723
TPCL GENERATION	1325	1317	1226	594
AEML GENERATION	500	500	483	327
MUMBAI DEMAND	3187	3150	2966	2076
STATE DEMAND MET	24243	23406	21995	18799
STATE DEMAND	24243	23406	21995	18799
Frequency (Hz)	50.02	50.01	50.00	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 16.03 Hrs	49.69 Hz at 15.13 Hrs	49.93	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 18/Nov/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.66	62.33	180	120
Unit 7	0.00	0.00	0	0
Unit 8	0.00	112.09	0	0
Unit 9	14.06	233.58	620	518
Unit 10	13.26	226.24	587	440
Total	30.98	634.23		
Bhusawal				
Unit 3	3.58	62.54	170	115
Unit 4	10.42	181.49	465	415
Unit 5	10.17	177.21	455	385
Total	24.16	421.24		
Parli				
Unit 6	0.00	53.06	0	0
Unit 7	4.33	73.76	238	144
Unit 8	3.96	75.49	187	150
Total	8.29	202.32		
Chandrapur				
Unit 3	3.19	41.95	146	119
Unit 4	3.45	56.67	165	125
Unit 5	8.34	147.53	380	300
Unit 6	0.00	0.00	0	0
Unit 7	7.86	144.79	400	293
Unit 8	9.66	167.62	425	382
Unit 9	10.16	174.28	435	407
Total	42.66	732.85		
Paras				
Unit 3	4.46	22.08	245	133
Unit 4	4.46	72.85	241	141
Total	8.92	94.93		
Khaparkheda				
Unit 1	0.20	47.34	75	0
Unit 2	3.30	58.06	165	120
Unit 3	3.71	58.03	190	125
Unit 4	3.59	62.79	180	125
Unit 5	10.40	165.48	500	280
Total	21.20	391.70		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.11	29.06	139	118
Unit 5	3.77	60.02	184	120
Total	6.88	89.08		
Uran				
All Units	5.64	98.15	253	218
Total	5.64	98.15		
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)	0.05	6.93	17	0
Total	0.05	6.93		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.17	57.71	435	35
Stage 4	2.74	30.97	647	0
Stage 3	1.14	19.35	160	0
Total	7.05	108.03		
Hydro				
KDPH	0.00	1.58	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHIRA T.R.	0.34	3.70	80	0
SMLHY_PTN	4.95	86.23	214	197
GHATGHAR	0.00	2.65	0	0
Total	5.29	94.16		
Wind				
Total	11.34	252.51	0	0
Total	11.34	252.51		
CPP				
APML(Mus)	56.89	935.86	0	0
JSWEL(Mus)	13.07	247.79	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.38	373.51	0	0
SWPGPL-Mus	8.00	127.57	0	0
Other(Mus)	33.85	500.16	0	0
Total	136.19	2184.89		
SOLAR				
Total	5.63	121.85	0	0
Total	5.63	121.85		
Tata				
Trombay 5	8.66	133.15	477	253
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.26	37.59	114	63
Trombay 7B	1.44	24.89	67	50
Trombay 8	4.97	83.97	221	173
TATA Hydro	5.48	66.88	447	0
Total	22.81	346.48		
AEMIL				
DTPS U-1&2	10.40	174.15	502	318
Total	10.40	174.15		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	143.07	2566.36	MSPGCL Total	161.05	2866.71
			MSPGCL Thml+Gas	148.71	2664.51	Koyna 1,2 & 4 Total	5.91	88.68
			MSPGCL Hydro	12.34	202.19	State Total	347.42	5946.57

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 18/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	5488	247	243	5978	1041	5027	0	0	6412	6220	-1371	16895	0	16895	2384	19279	49.97
2	5380	255	232	5867	963	4924	0	0	6479	6176	-1259	16672	0	16672	2203	18874	49.86
3	5416	349	253	6018	843	4908	0	0	6246	6109	-1155	16723	0	16723	2076	18799	49.93
4	5537	267	233	6037	754	5140	0	0	6188	5975	-1085	16822	0	16822	1997	18818	50.02
5	5696	248	243	6187	663	5507	0	0	6066	6230	-1028	17559	0	17559	1969	19528	50.02
6	6186	253	234	6673	624	5753	0	0	6033	6183	-1006	18227	0	18227	2028	20255	50.02
7	6313	786	233	7332	501	5956	0	9	6036	5995	-996	18797	0	18797	2099	20896	49.97
8	6384	1287	243	7914	378	6117	0	150	6021	5990	-952	19597	0	19597	2261	21858	49.88
9	6377	915	241	7533	511	6083	0	446	6499	6277	-1114	19736	0	19736	2570	22306	49.86
10	6409	653	230	7292	598	6133	0	642	7185	7020	-1206	20479	0	20479	2894	23373	49.88
11	6361	397	240	6998	656	5964	0	766	8109	7530	-1314	20600	0	20600	3130	23730	49.97
12	6256	326	218	6800	607	6141	0	797	8270	8073	-1362	21056	0	21056	3187	24243	50.02
13	5773	286	226	6285	519	5829	0	793	8378	8163	-1333	20256	0	20256	3150	23406	50.01
14	5890	256	226	6372	353	5805	0	765	8237	7902	-1286	19911	0	19911	3036	22947	50.03
15	5877	242	226	6345	259	5840	0	650	8562	8312	-1307	20099	0	20099	3053	23152	49.96
16	5988	324	226	6538	217	5851	0	418	8374	8156	-1299	19881	0	19881	3061	22942	49.90
17	6215	444	221	6880	197	5746	0	172	7542	6979	-1207	18767	0	18767	3025	21792	49.98
18	6350	863	242	7455	191	5841	0	20	6505	6215	-1142	18580	0	18580	2935	21515	49.95
19	6313	1275	241	7829	214	5870	0	1	6341	6372	-1257	19029	0	19029	2966	21995	50.00
20	6200	754	232	7186	218	5886	0	0	6437	6434	-1337	18387	0	18387	2854	21241	50.01
21	5733	427	242	6402	230	5664	0	0	6303	6391	-1471	17216	0	17216	2711	19927	49.98
22	5576	909	242	6727	100	5243	0	0	6355	6477	-1536	17011	0	17011	2639	19650	49.97
23	5784	297	232	6313	270	5488	0	0	6545	6488	-1489	17070	0	17070	2495	19565	49.98
24	5568	282	242	6092	430	5472	0	0	6508	5940	-1480	16454	0	16454	2478	18932	49.04
MUs	143.07	12.34	5.64	161.05	11.34	136.19	0.00	5.63	165.63	161.61	-29.99	445.82	0.00	445.82	63.20	509.02	49.93

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 18/Nov/2021

Position as on 6.30 Hrs of 19/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	
MSPGCL	Koyana Unit 3	70	18/11/2021	08.50		Continued.	To attend lower bearing guide cooler replacement work.	
IPP	JSW (J) U2	300	19/11/2021	01.26		Continued.	Zero schedule.	
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)	
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.	
MSPGCL	Koradi Unit-8	660	09/11/2021	23.02	19/11/2021	10.01	Due to abnormal sound in the bottom bearing of RAPH-8B.	
IPP	Adani U-5	660	14/11/2021	21.18	18/11/2021	00.06	MS Drain Bonnet Leakage.	
IPP	RPL(AMT) U-4	270	16/11/2021	00.00		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 1	210	16/11/2021	21.13	18/11/2021	20.12	Boiler Tube Leakage	
MSPGCL	Parli Unit 6	250	17/11/2021	14.37		Continued.	Clinker formation	
MSPGCL	Bhusawal Unit 4	500	19/11/2021	05.25		Continued.	Flame Failure	
TPC-G	Trombay 7B	60	19/11/2021	23.50		Continued.	Withdrawn for checking of HP control valve signal	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 18/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 19/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 1	IntraState	13/11/2021	06.15		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
Koradi Bhilai	InterState	13/11/2021	09.49		Continued.	PO	Work At Bhilai end.
Dabhol Nagothane I	InterState	19/11/2021	16.00	19/11/2021	17.54	T	Line tripped at Dabhol end only while shifting on TBC
Pune(GIS)-A'bad(Waluj) Ckt 1	IntraState	15/11/2021	10.18		Continued.	HT	To control Mumbai line loading.
Karad-Jaigad - I	IntraState	17/11/2021	10.31	18/11/2021	09.44	PO	RTV coating on Bay equipment.
Karad - Jaigad - II	IntraState	18/11/2021	09.49	19/11/2021	09.24	PO	RTV coating on Bay equipment(RFC 19.54Hrs)
Padghe - Nagothane - II	IntraState	18/11/2021	14.35	19/11/2021	00.17	T	Distance Protection
Parly(MS)- Nanded ckt I	IntraState	18/11/2021	15.27	19/11/2021	08.30	PO	Insulator string replacement Work (RFC 21.33).
400 KV ICT Outages/Trippings							
400/220/33kv 500MVA ICT 5 @ Padghe	IntraState	17/11/2021	23.19	18/11/2021	02.15	EO	To attend Hot Spot
400/220/33kv, 500 Mva Ict-2 @Khaparkheda	IntraState	18/11/2021	10.28	18/11/2021	15.33	PO	Replacement of NDR Relay along with testing.
400/220kv 500MVA ICT-1 @ TAPTITANDA	IntraState	19/11/2021	11.25	19/11/2021	22.15	EO	Replacement of Faulty REF Relay
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)
EKLAHARE (OCR) Nasik - Navsari I	InterState	18/11/2021	12.09	18/11/2021	17.01	T	Distance Protection
REL Borivali Aarey Line	IntraState	18/11/2021	09.20		Continued.	PO	Under MMRC Line Diversion scheme for Metro-3 project 220kv Outdoor termination of 220kv AEML Aarey and overhead connection at MMRC pylon yard.
Lonand-Baramati	IntraState	18/11/2021	10.00	18/11/2021	12.50	PO	Repl. of flashover suspension string at loc 41 B-ph
Pohali-Nerle	IntraState	18/11/2021	10.15	18/11/2021	16.45	T	For replacement of Damaged conductor of Y-phase.
Chinchwad- Parvati	IntraState	18/11/2021	10.44	18/11/2021	16.43	PO	Diagnostic testing half yearly maintenance.
Talandage - Sawantwadi I	IntraState	19/11/2021	09.28	19/11/2021	16.59	PO	Insulator Cleaning
Pusad - Hingoli	IntraState	19/11/2021	10.08	19/11/2021	14.16	PO	Testing Work
Badnera-Akola I	IntraState	19/11/2021	10.15	19/11/2021	17.29	PO	Replacement of Faulty Disc Insulator
Badnera-Akola II	IntraState	19/11/2021	10.16	19/11/2021	17.29	PO	Replacement of Faulty Disc Insulator
Parli(U-VIII) GCR CKT	IntraState	19/11/2021	10.30	19/11/2021	14.03	PO	Testing Work
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	19/11/2021	14.15	19/11/2021	18.00	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Gec Ict 1 @Pusad	IntraState	17/11/2021	09.35	18/11/2021	00.45	PO	Routine Maintenance Work
220/100 Kv 200 MVA ICT II @Kolshet	IntraState	18/11/2021	10.03	18/11/2021	15.15	PO	Siemens make LV CB Overhauling work by agency M/S Royal Corporation & RMW.
220/100 Kv 200 MVA ICT IV	IntraState	18/11/2021	10.05	18/11/2021	22.59	PO	Attending Hot Spot

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 18/Nov/2021

Statement-VII

Position as on 6.30 Hrs of 19/Nov/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
@Padghe							
220/132kv 100mva Ptr 1 @Kharepatan	IntraState	18/11/2021	10.44	18/11/2021	15.04	PO	Outage for work of attending oil leakage from LV bushing of ICT.
220/132 Kv 150 MVA ICT @Boisar-II	IntraState	18/11/2021	11.29	18/11/2021	16.58	PO	HV LV CT Tan Delta, HV LV CB CRM and Timing.