

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/May/2021 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.257	3622.269	1) Gujrat	0.326	-49.250
2) Hydro	29.932	666.850	2) Madhya Pradesh	10.628	282.014
3) Gas	3.442	178.078	3) Chattisgarh	5.520	150.277
Total MSPGCL	167.631	4467.197	4) Maharashtra	147.180	3948.174
B) 1) APLM	30.771	1416.326	5) Goa (Amona)	-0.526	-43.209
2) JSWEL	12.821	513.592	Total	163.128	4288.006
3) VIPL	0.000	0.000	a) Mumbai Schedule	33.009	772.495
4) RPL(AMT)	31.297	865.994	b) Mumbai Drawl	29.314	705.989
5) SWPGPL	8.622	203.243	c) MSEDCL Bilateral *	45.099	1056.287
6) Other IPP	9.272	341.771	Include PX	10.823	149.776
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	33.009	772.433
C) 1) TPCL Thermal	15.629	439.640	Include PX	15.633	346.468
2) TPCL Hydro	5.951	128.136	Standby	0.000	0.063
3) TPCL Gas	0.000	70.751	H) ENERGY CATERED (MUs)		
4) AEML Thermal	6.009	262.353	1) MSEDCL	427.643	12327.482
D) STATE			2) Mumbai Discoms	56.903	1606.870
1) Thermal	248.678	7665.188	TOTAL STATE	484.546	13934.352
(A1+C1+C4+(B1-B6))					
2) Hydro	35.883	794.986			
(A2+C2)					
3) Gas	3.442	248.829			
(A3+B7+C3)					
4) Wind	26.331	729.887			
6) SOLAR	7.084	207.455			
TOTAL STATE	321.418	9646.345			

* 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 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5430	5600	5662	5727
MSPGCL Hydro	1531	1675	856	1362
MSPGCL Gas	141	140	131	119
MSPGCL Total Generation	7102	7415	6649	7208
Central Sector Receipt	7978	8193	5572	5928
WIND	502	722	1103	651
CPP / IPP Thermal	3843	3832	3926	3758
CPP / IPP Gas	0	0	0	0
SOLAR	1017	791	0	0
Exchange with Mumbai	-1406	-1400	-1134	-1344
MSEDCL DEMAND MET	19036	19553	16116	16201
Load Shedding	0	0	0	0
MSEDCL DEMAND	19036	19553	16116	16201
TPCL GENERATION	885	938	1064	1056
AEML GENERATION	250	250	252	251
MUMBAI DEMAND	2541	2588	2450	2651
STATE DEMAND MET	21577	22141	18566	18852
STATE DEMAND	21577	22141	18566	18852
Frequency (Hz)	50.00	49.99	50.02	50.07

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.14 Hz at 17:02 Hrs	49.75 Hz at 00:07 Hrs	50.01	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 29/May/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	269.56	0	0
Unit 9	14.21	254.20	629	540
Unit 10	11.10	295.28	500	405
Total	25.30	819.05		
Bhusawal				
Unit 3	0.00	13.68	0	0
Unit 4	11.54	292.45	505	290
Unit 5	11.16	316.30	500	295
Total	22.71	622.43		
Parli				
Unit 6	0.00	17.62	0	0
Unit 7	0.00	24.02	0	0
Unit 8	0.00	26.80	0	0
Total	0.00	68.44		
Chandrapur				
Unit 3	3.45	82.34	152	125
Unit 4	0.00	2.35	0	0
Unit 5	9.98	221.71	425	310
Unit 6	9.52	266.05	415	330
Unit 7	0.00	0.00	0	0
Unit 8	11.40	269.12	491	347
Unit 9	10.11	253.49	458	388
Total	44.46	1095.05		
Paras				
Unit 3	5.12	137.34	234	160
Unit 4	5.51	122.30	251	148
Total	10.62	259.64		
Khaparkheda				
Unit 1	3.02	76.62	145	110
Unit 2	3.46	8.12	160	120
Unit 3	4.24	114.74	185	145
Unit 4	4.38	91.78	193	145
Unit 5	11.86	280.71	500	485
Total	26.96	571.98		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.20	116.48	200	133
Unit 5	0.00	69.21	0	0
Total	4.20	185.68		
Uran				
All Units	3.44	178.08	156	119
Total	3.44	178.08		
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)	0.23	7.32	25	0
Total	0.23	7.32		
Koyana				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	5.20	139.21	430	35
Stage 4	15.67	260.41	1006	0
Stage 3	4.57	88.61	290	0
Total	25.44	488.24		
Hydro				
KDPH	0.34	18.70	14	14
VTRNA	0.64	24.62	60	0
TILLARI	0.00	13.99	0	0
BHIRA T.R.	0.34	6.71	40	0
SMLHY_PTN	2.84	106.98	125	111
GHATGHAR	0.32	7.60	250	0
Total	4.49	178.61		
Wind				
Total	26.33	729.89	0	0
Total	26.33	729.89		
CPP				
APML(Mus)	30.77	1416.33	0	0
JSWEL(Mus)	12.82	513.59	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.30	865.99	0	0
SWPGPL-Mus	8.62	203.24	0	0
Other(Mus)	9.27	341.77	0	0
Total	92.78	3340.93		
SOLAR				
Total	7.08	207.46	0	0
Total	7.08	207.46		
Tata				
Trombay 5	10.22	291.98	461	374
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	44.76	0	0
Trombay 7B	0.00	25.99	0	0
Trombay 8	5.41	147.66	229	216
TATA Hydro	5.95	128.14	459	18
Total	21.58	638.53		
AEML				
DTPS U-1&2	6.01	262.35	252	249
Total	6.01	262.35		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.26	3622.27	MSPGCL Total	167.63	4467.20
			MSPGCL Thml+Gas	137.70	3800.35	Koyna 1,2 & 4 Total	20.87	399.62
			MSPGCL Hydro	29.93	666.85	State Total	321.42	9646.34

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/May/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	5737	1956	155	7848	1341	3978	0	0	6213	6283	-1260	18190	0	18190	2581	20771	49.94
2	5741	1576	145	7462	1502	3949	0	0	6281	6042	-1173	17782	0	17782	2390	20172	50.01
3	5730	1475	145	7350	1450	3985	0	0	5933	6138	-1275	17648	0	17648	2248	19896	50.02
4	5698	1435	145	7278	1361	3920	0	0	5852	5922	-1190	17291	0	17291	2143	19434	50.02
5	5697	1480	156	7333	1328	3981	0	0	5833	6200	-1112	17730	0	17730	2070	19800	49.97
6	5749	1639	145	7533	1105	3931	0	0	6503	6823	-1106	18286	0	18286	2054	20340	49.94
7	5713	1749	145	7607	935	3939	0	57	7831	7503	-1035	19006	0	19006	1989	20995	49.95
8	5829	1426	145	7400	869	3969	0	260	7463	7393	-1083	18808	0	18808	2022	20830	50.01
9	5830	1174	155	7159	756	3874	0	497	7657	7647	-1228	18705	0	18705	2168	20873	50.04
10	5720	1232	144	7096	556	3864	0	777	7807	8032	-1329	18996	0	18996	2351	21347	50.01
11	5543	1262	142	6947	413	3884	0	903	8097	8097	-1412	18832	0	18832	2474	21306	50.03
12	5430	1531	141	7102	502	3843	0	1017	7866	7978	-1406	19036	0	19036	2541	21577	50.00
13	5553	1893	151	7597	499	3827	0	916	7881	7825	-1398	19266	0	19266	2531	21797	49.97
14	5546	1825	141	7512	504	3828	0	874	7993	8041	-1400	19359	0	19359	2498	21857	50.02
15	5600	1675	140	7415	722	3832	0	791	8001	8193	-1400	19553	0	19553	2588	22141	49.99
16	5631	1197	142	6970	1132	3732	0	548	8428	7898	-1386	18894	0	18894	2623	21517	50.01
17	5521	478	142	6141	1812	3803	0	298	7329	6849	-1253	17650	0	17650	2559	20209	50.05
18	5271	422	153	5846	1792	3718	0	129	6261	5999	-1041	16443	0	16443	2420	18863	50.04
19	4759	309	143	5211	2155	3635	0	17	5914	5654	-988	15684	0	15684	2273	17957	50.01
20	5195	501	143	5839	1633	3779	0	0	5568	5618	-1047	15822	0	15822	2330	18152	49.98
21	5620	260	144	6024	1350	3901	0	0	5611	5650	-1073	15852	0	15852	2401	18253	50.00
22	5662	856	131	6649	1103	3926	0	0	5608	5572	-1134	16116	0	16116	2450	18566	50.02
23	5755	1219	130	7104	860	3927	0	0	5655	5843	-1241	16493	0	16493	2548	19041	50.03
24	5727	1362	119	7208	651	3758	0	0	5820	5928	-1344	16201	0	16201	2651	18852	50.07
MUs	134.26	29.93	3.44	167.63	26.33	92.78	0.00	7.08	163.41	163.13	-29.31	427.64	0.00	427.64	56.90	484.55	50.01

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 29/May/2021

Position as on 6.30 Hrs of 30/May/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	25/06/2021
AEML	AEML Unit 1	250	19/05/2021	09.52		Continued.	HP turbine replacement.	
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	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05	29/05/2021	15.20	Tripped on stator earth fault (will not be available till dt.24.05.21)	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 3	210	04/05/2021	20.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	06/05/2021	19.45		Continued.	Zero Schedule	
IPP	Adani U-4	660	16/05/2021	10.01		Continued.	Zero Schedule.	
IPP	Adani U-1	660	16/05/2021	17.57		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 5	108	17/05/2021	11.52	30/05/2021	17.34	Due to jerk	
IPP	Adani U-5	660	17/05/2021	12.05		Continued.	Zero schedule.	
MSPGCL	Nasik Unit 5	210	17/05/2021	12.50		Continued.	Zero schedule.	
MSPGCL	Uran Unit A0	120	17/05/2021	22.59		Continued.	Gas shortage	
MSPGCL	Uran Unit 6	108	17/05/2021	22.59		Continued.	Gas shortage.	
TPC-G	Trombay 7B	60	17/05/2021	23.29	30/05/2021	19.01	Gas shortage	
TPC-G	Trombay 7A	120	17/05/2021	23.50	30/05/2021	13.36	Gas shortage	
MSPGCL	Koradi Unit-8	660	25/05/2021	03.52		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U1	300	25/05/2021	09.41	30/05/2021	07.40	CW DUCT Water Leakage.	
MSPGCL	Chandrapur Unit 4	210	28/05/2021	19.33		Continued.	PA Fan problem	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/May/2021

Position as on 6.30 Hrs of 30/May/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
IPP	JSW (J) U4	300	29/05/2021	08.06		Continued.	CW DUCT Water Leakage.	
IPP	SWPGPL U-3	135	29/05/2021	14.58	29/05/2021	15.56	Due To Tripping Of Turbine DEH Oil Pump.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/May/2021

Statement-VII

Position as on 6.30 Hrs of 30/May/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 Hvd Pole 2	IntraState	29/05/2021	00.37	29/05/2021	04.25	EO	Attending Hot Spot
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
Dhule Sar'Sarovar II	InterState	28/05/2021	09.20	29/05/2021	08.07	PO	Line Maintenance work
Dhule Sar'Sarovar I	InterState	29/05/2021	09.08	29/05/2021	20.26	PO	Earth wire Replacement
Dhule Sar'Sarovar II	InterState	30/05/2021	09.39	30/05/2021	18.11	PO	Replacement of faulty insulator & earth wire.
Alkud-Solapur(PG)	InterState	30/05/2021	14.09	30/05/2021	23.42	T	Distance Protection
Babhleshwar - RIPL(Nashik)	IntraState	18/03/2021	15.48		Continued.	PO	Hot spot attending.
Girwali- Lonikand 2	IntraState	30/05/2021	09.43	30/05/2021	21.09	PO	Chemical cleaning work.
BABHALESHWAR - RPL(NASHIK) CKT - 2	IntraState	30/05/2021	16.08	30/05/2021	16.24	T	Distance Protection
BABHALESHWAR - RPL(NASHIK) CKT - 2	IntraState	30/05/2021	17.20	30/05/2021	21.20	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.(FTC DT 16/08/2021 At 14.42)
400/220 KV 315MVA ICT II @ Parali (Girwali)	IntraState	28/05/2021	13.38	30/05/2021	21.53	EO	Attending Hot Spot
400/220/33 315MVA ICT-III @ KHADKA	IntraState	29/05/2021	07.59	29/05/2021	11.35	PO	Routine Maintenance Work
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	29/05/2021	13.18	29/05/2021	19.52	PO	Painting work
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	30/05/2021	09.23	30/05/2021	12.08	PO	Pre-monsoon maintenance work & plastic paper wrapping 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)
Versova Gorai Line	IntraState	29/05/2021	09.23	29/05/2021	17.36	PO	Annual Maintenance Work
Trombay MSETCL Tie 2	IntraState	29/05/2021	09.41	29/05/2021	16.25	PO	CVT Testing
Baramati - Kurkumbh	IntraState	29/05/2021	09.59	29/05/2021	11.57	PO	Replacement of Line LA counter broken cable
Kharghar-Borivali ckt I	IntraState	29/05/2021	10.12	29/05/2021	20.35	PO	Routine Maintenance Work
Raymond - Washala	IntraState	29/05/2021	11.15	29/05/2021	14.50	PO	Routine Maintenance Work
Halkarni-Mahalaxmi line	IntraState	29/05/2021	15.17	29/05/2021	23.10	T	Distance Protection
Lonikand-II- Kathapur	IntraState	29/05/2021	17.31	29/05/2021	21.45	T	Distance Protection
Deepnagar Bambhori	IntraState	30/05/2021	03.33	30/05/2021	11.46	T	Distance Protection
MSETCL Borivli Aarey 1	IntraState	30/05/2021	08.08	30/05/2021	20.47	PO	Attending OFC/DTS unhealthy core rectification along the cable route and also attending sheath fault between section JC-14 to JC -16.
MSETCL Borivli Aarey 2	IntraState	30/05/2021	08.26	30/05/2021	21.17	PO	Attending OFC/DTS unhealthy core rectification along the cable route also attending sheath fault between section JC-14 to JC-16.
Uran - Kharghar I	IntraState	30/05/2021	08.55		Continued.	PO	Tower erection at proposed Ulwe GIS from 30.05.2021 to 01.06.2021.
Mahape - TIFIL	IntraState	30/05/2021	09.36	30/05/2021	12.15	PO	At TIFIL S/stn:- To replace R-PH surge arrestor having high LCM value.
Padghe - Nalasopara	IntraState	30/05/2021	10.13	30/05/2021	12.46	PO	For checking current in CT to commission new 220kv Bus Bar.

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 29/May/2021

Statement-VII

Position as on 6.30 Hrs of 30/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Amalner-Bambhori	IntraState	30/05/2021	17.48	30/05/2021	19.28	T	Distance Protection
Koradi-Butibori Rly Tss	IntraState	30/05/2021	18.35	30/05/2021	19.49	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 150MVA ICT I @ Boisar	IntraState	17/05/2021	11.19		Continued.	T	ICT Failed due to internal fault.
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	29/05/2021	10.38	29/05/2021	16.23	PO	Testing Work
200MVA ICT - IV @ Nasik	IntraState	29/05/2021	12.11	29/05/2021	13.18	PO	Pre-Monsoon Maintenance work
220/132 Kv 100 Mva Cgl Ict 1 @Amalner	IntraState	29/05/2021	12.50	29/05/2021	13.50	PO	Pre-Monsoon Maintenance work
220/132 KV ICT-2 @Nagar	IntraState	29/05/2021	14.03	29/05/2021	17.10	PO	Pre-Monsoon maintenance work
220/33 kV 100MVA @ Shivaji Nagar	IntraState	29/05/2021	17.15	29/05/2021	19.30	PO	Pre-Monsoon Maintenance work

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