

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/May/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	173.856	4841.169	1) Gujrat	-5.996	-169.901
2) Hydro	28.798	661.570	2) Madhya Pradesh	5.656	152.080
3) Gas	3.213	162.357	3) Chattisgarh	2.680	98.680
Total MSPGCL	205.867	5665.096	4) Maharashtra	154.163	5244.282
B) 1) APLM	56.845	1860.462	5) Goa (Amona)	-1.023	-38.664
2) JSWEL	15.072	516.938	Total	155.480	5286.477
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.810	1025.797
4) RPL(AMT)	18.881	688.356	b) Mumbai Drawl	33.810	1100.011
5) SWPGPL	9.203	247.223	c) MSEDCL Bilateral *	82.379	2226.755
6) Other IPP	16.436	561.385	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.810	1025.641
C) 1) TPCL Thermal	15.213	422.126	Include PX	0.000	0.000
2) TPCL Hydro	2.151	119.244	Standby	0.000	0.156
3) TPCL Gas	0.440	62.898	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.895	326.407	1) MSEDCL	489.037	14675.274
D) STATE			2) Mumbai Discoms	63.509	2030.673
1) Thermal	317.401	9464.066	3) Other Discoms	9.069	270.233
(A1+C1+C4+(B1-B6))			TOTAL STATE	561.615	16976.180
2) Hydro	30.949	780.814			
(A2+C2)					
3) Gas	3.653	225.255			
(A3+B7+C3)					
4) Wind	43.292	949.482			
6) SOLAR	10.840	270.099			
TOTAL STATE	406.135	11689.716			

* 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 20 Hrs	D. Night Minimum at 8 Hrs
MSPGCL Thermal	7048	7516	7394	7452
MSPGCL Hydro	548	430	1826	906
MSPGCL Gas	125	134	137	137
MSPGCL Total Generation	7722	8080	9358	8496
Central Sector Receipt	7798	7678	5481	5804
WIND	1312	1274	2112	1942
CPP / IPP Thermal	4221	4984	4998	5016
CPP / IPP Gas	0	0	0	0
SOLAR	1400	1218	0	363
Exchange with Mumbai	-1437	-1552	-1302	-1268
MSEDCL DEMAND MET	20615	21291	20234	19966
Load Shedding	0	0	0	0
MSEDCL DEMAND	20615	21291	20234	19966
TPCL GENERATION	665	664	876	585
AEML GENERATION	500	500	500	490
MUMBAI DEMAND	2602	2716	2678	2343
OTHER DISCOM DEMAND	400	392	412	387
STATE DEMAND MET	23618	24398	23324	22696
STATE DEMAND	23618	24398	23324	22696
Frequency (Hz)	49.92	50.00	50.00	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.18 Hz at 18.04 Hrs	49.71 Hz at 21.08 Hrs	49.98	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation,Maximum,Minimum for 29/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.48	104.32	195	0
Unit 7	0.00	0.00	0	0
Unit 8	13.06	385.90	573	442
Unit 9	13.17	359.30	567	525
Unit 10	12.92	371.71	580	521
Total	41.63	1221.23		
Bhusawal				
Unit 3	0.62	74.96	125	0
Unit 4	10.53	238.98	470	285
Unit 5	10.46	260.10	480	280
Total	21.60	574.04		
Parli				
Unit 6	5.21	90.41	244	162
Unit 7	5.03	122.02	241	155
Unit 8	3.09	79.62	133	125
Total	13.34	292.05		
Chandrapur				
Unit 3	3.22	107.34	145	120
Unit 4	3.03	99.16	136	119
Unit 5	8.69	217.00	380	290
Unit 6	8.77	237.99	399	280
Unit 7	8.06	255.74	401	0
Unit 8	10.93	292.25	464	440
Unit 9	10.40	293.10	443	423
Total	53.11	1502.58		
Paras				
Unit 3	5.08	124.50	232	142
Unit 4	4.63	127.33	219	145
Total	9.70	251.83		
Khaparkheda				
Unit 1	2.92	86.15	150	100
Unit 2	3.40	101.79	155	115
Unit 3	3.97	105.88	182	140
Unit 4	3.26	92.60	150	110
Unit 5	10.89	317.87	470	420
Total	24.45	704.29		
Nasik				
Unit 3	3.12	92.97	192	0
Unit 4	3.32	100.27	163	115
Unit 5	3.58	101.90	163	117
Total	10.02	295.14		
Uran				
All Units	3.21	162.36	178	123
Total	3.21	162.36		
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	3.08	15	0
Total	0.02	3.08		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	7.00	141.04	515	40
Stage 4	11.94	229.43	1015	0
Stage 3	4.18	82.12	320	0
Total	23.12	452.59		
Hydro				
KDPH	0.56	15.68	24	24
VTRNA	0.00	17.34	0	0
TILLARI	0.00	8.24	0	0
BHIRA T.R.	0.20	5.54	77	0
SMLHY_PTN	4.89	149.84	216	195
GHATGHAR	0.00	9.26	0	0
Total	5.65	205.90		
Wind				
Total	43.29	949.48	0	0
Total	43.29	949.48		
CPP				
APML(Mus)	56.84	1860.46	0	0
JSWEL(Mus)	15.07	516.94	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	18.88	688.36	0	0
SWPGPL-Mus	9.20	247.22	0	0
Other(Mus)	16.44	561.38	0	0
Total	116.44	3874.36		
SOLAR				
Total	10.84	270.10	0	0
Total	10.84	270.10		
Tata				
Trombay 5	9.89	275.04	447	300
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.25	38.84	47	0
Trombay 7B	0.19	24.06	40	0
TATA Hydro	2.15	119.24	350	0
Trombay 8	5.32	147.09	232	185
Total	17.80	604.27		
AEML				
DTPS U-1&2	11.90	326.41	502	468
Total	11.90	326.41		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	173.86	4841.17	MSPGCL Total	205.87	5665.10
			MSPGCL Thml+Gas	177.07	5003.53	Koyna 1,2 & 4 Total	18.94	370.47
			MSPGCL Hydro	28.80	661.57	State Total	406.14	11689.72

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/May/2022

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6732	2044	178	8954	2179	5090	0	0	6077	6396	-1428	20853	0	20853	2969	337	24160	49.98
2	6878	2070	137	9086	2192	5072	0	0	6197	6272	-1398	20911	0	20911	2837	312	24060	50.00
3	7132	1892	128	9152	2206	5044	0	0	6415	6119	-1353	20868	0	20868	2678	300	23846	49.99
4	7193	1494	137	8824	2261	5043	0	0	6400	6002	-1423	20397	0	20397	2557	310	23264	49.99
5	7278	804	127	8210	2196	5066	0	0	6813	6720	-1394	20480	0	20480	2482	318	23280	49.99
6	7305	1510	138	8954	2126	5058	0	1	6544	6580	-1382	20993	0	20993	2466	344	23802	49.97
7	7361	1736	127	9224	1883	5001	0	97	6462	6060	-1349	20540	0	20540	2377	376	23292	50.00
8	7452	906	137	8496	1942	5016	0	363	6162	5804	-1268	19966	0	19966	2343	387	22696	50.02
9	6948	300	137	7384	2093	4595	0	763	6549	6539	-1244	19724	0	19724	2388	407	22518	50.03
10	6492	694	125	7312	1776	3867	0	1065	6966	7215	-1285	19557	0	19557	2458	393	22408	50.00
11	6634	650	134	7418	1562	3992	0	1263	7337	7230	-1389	19678	0	19678	2560	399	22636	49.98
12	7048	548	125	7722	1312	4221	0	1400	7735	7798	-1437	20615	0	20615	2602	400	23618	49.92
13	7393	496	134	8024	1279	4441	0	1414	7700	7572	-1457	20879	0	20879	2632	393	23904	49.93
14	7426	272	123	7820	1202	4611	0	1363	7717	7637	-1465	20777	0	20777	2639	391	23808	49.96
15	7516	430	134	8080	1274	4984	0	1218	7514	7678	-1552	21291	0	21291	2716	392	24398	50.00
16	7554	926	124	8604	1296	5002	0	956	7356	7248	-1604	21113	0	21113	2774	390	24276	50.02
17	7514	794	136	8444	1453	4995	0	601	6977	6985	-1556	20505	0	20505	2714	418	23636	50.01
18	7502	760	127	8390	1816	4991	0	281	6435	6680	-1368	20371	0	20371	2612	419	23402	50.02
19	7480	790	136	8406	2056	4987	0	55	5731	5642	-1280	19447	0	19447	2564	419	22430	50.07
20	7394	1826	137	9358	2112	4998	0	0	5103	5481	-1302	20234	0	20234	2678	412	23324	50.00
21	7373	1854	127	9354	1936	5001	0	0	5522	5366	-1449	19815	0	19815	2767	393	22976	49.96
22	7416	1906	138	9460	1709	5050	0	0	5047	5300	-1491	19634	0	19634	2810	394	22838	49.87
23	7403	2042	139	9584	1725	5046	0	0	5652	5546	-1446	20065	0	20065	2892	389	23346	49.89
24	7432	2050	128	9610	1706	5266	0	0	5845	5610	-1490	20324	0	20324	2994	377	23696	49.92
MUs	173.86	28.80	3.21	205.87	43.29	116.44	0.00	10.84	156.26	155.48	-33.81	489.04	0.00	489.04	63.51	9.07	561.61	49.98

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/2022

Position as on 6.30 Hrs of 30/May/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
IPP	JSW (J) U3	300	28/05/2022	02:09	29/05/2022	18:45	no 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)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	JSW (J) U1	300	16/03/2022	23:16		Continued.	Turbine Vibration	15/06/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	11/05/2022	21:00	30/05/2022	00:00	Coal Shortage	
MSPGCL	Uran Unit 8	108	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
MSPGCL	Uran Unit B0	120	13/05/2022	01:34		Continued.	excitation fault (unit out due to gas shortage from 02:30hrs of dt.13.05.2022)	
IPP	RPL(AMT) U-3	270	24/05/2022	02:23		Continued.	Flame Failure	31/05/2022
MSPGCL	Bhusawal Unit 3	210	24/05/2022	17:31	29/05/2022	16:55	CVSM Control Valve Problem	30/05/2022
MSPGCL	Koradi Unit 6	210	27/05/2022	06:05	29/05/2022	06:27	Boiler Tube Leakage	29/05/2022
IPP	Adani U-3	660	27/05/2022	16:13		Continued.	APH-A HOT PA BELOW LEAKAGE.	31/05/2022
MSPGCL	Chandrapur Unit 7	500	28/05/2022	12:18	29/05/2022	01:14	Air heater problem	29/05/2022
MSPGCL	Uran Unit 6	108	29/05/2022	00:32		Continued.	Gas shortage	
TPC-G	Trombay 7B	60	29/05/2022	04:57		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	29/05/2022	05:26		Continued.	Gas shortage	
MSPGCL	Nasik Unit 3	210	29/05/2022	19:00		Continued.	Boiler Tube Leakage	31/05/2022

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/May/2022

Statement-VII

Position as on 6.30 Hrs of 30/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 1 @ DHULE	IntraState	28/05/2022	09:54			PO	Work of Overhauling of OLTC of 315 MVA ICT-1
400/220/33 KV 500MVA ICT - 2 @ LONIKAND 2	IntraState	29/05/2022	17:25	30/05/2022	02:23	PO	For pre-monsoon maintenance activities and diagnostic testing, cleaning of tertiary to avoid tripping of ICT on NDR.
400/220/33 KV 500MVA ICT - 2 @ LONIKAND 2	IntraState	29/05/2022	17:48	29/05/2022	23:15	PO	For pre-monsoon maintenance activities and diagnostic testing, cleaning of tertiary to avoid tripping of ICT on NDR.
220 KV LINE Outages/Trippings							
MULUND - GIS BHANDUP	IntraState	29/01/2022	15:44			T	cABLE FAULT
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kV GCR-BBLR-2 line on 220kV TBC bay.
BOISAR II - BOISAR (PG) CKT - 2	IntraState	29/05/2022	01:07	29/05/2022	01:52	EO	Hot spot attending work- 220kV A Bus Isolator's. @ Jaw towards B Bus.
DASTURI-KANDALGAON LINE	IntraState	29/05/2022	05:55	29/05/2022	14:52	PO	Outage tree cutting work at various location and other line maintenance work.
PANDHARPUR - MALINAGAR	IntraState	29/05/2022	16:22	29/05/2022	21:22	PO	Outage is required for For changing / replacement of faulty string at loc no. Main line - 1,4,7,15,16,19,22,69.
220 KV ICT Outages/Trippings							
220 / 110 / 22kV 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantailing said 50MVA T/f 1 at 220 kV K'gaon S/s
220/132KV 100MVA ICT 1 @ SATARA MIDC	IntraState	25/05/2022	10:38			PO	Transformer painting work
220/132KV 100MVA ICT 1 @ SATARA MIDC	IntraState	25/05/2022	10:38			PO	Transformer painting work
220/22 KV 50 MVA PTR 3 @ NALASOPARA	IntraState	29/05/2022	07:30	29/05/2022	15:15	PO	1. 80 MVA 220/22-22 kV PTR-3 for attending PTR LV Bushing oil leakage (minor) attending work. 2. Pre monsoon maintenance work. 3. OLTC overhauling of PTR.
220 / 110 / 33kV 250MVA ICT 8 @ DHARAVI	IntraState	29/05/2022	09:50	29/05/2022	14:52	PO	Routine Maintenance
220/22 KV 50 MVA PTR 2 @ VASAI	IntraState	29/05/2022	14:50	29/05/2022	19:34	PO	Hot spot attending by replacement of 22kV Bph bushing of 50MVA, 220/22kV PTR-2 by Agency & Pre monsoon maintenance work & Diagnostic testing.
220/132KV 100MVA ICT 1 @ CHAKAN PHASE II	IntraState	29/05/2022	20:49	29/05/2022	20:49	PO	Half yearly maintenance and pre monsoon maintenance.
110 KV LINE Outages/Trippings							
DHARAVI VIKHROLI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/May/2022

Statement-VII

Position as on 6.30 Hrs of 30/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
DHARAVI POWAI	IntraState	30/08/2021	00:03			PO	Shifting of OPGW and stringing of conductor of 220 kV Trombay-Dharavi- Salsette line and replacement and shifting of conductor of Dharavi Powai and Dharavi Vikhroli line on new tower and dismantling old towers in section 32 to 38. 110 KV Vikhroli Powai line will be formed for dual feed to Vikhroli and Powai.
WAGHIVALI - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfting these lines on new Multicircuit Towers between Darave to Vashi.
WAGHIVALI - CHEMBUR	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringining of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shfting these lines on new Multicircuit Towers between Darave to Vashi.

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage