

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/May/2022 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	175.565	5016.734	1) Gujrat	-6.346	-176.247
2) Hydro	35.488	697.058	2) Madhya Pradesh	5.703	157.783
3) Gas	3.164	165.521	3) Chattisgarh	2.540	101.220
Total MSPGCL	214.217	5879.313	4) Maharashtra	169.608	5413.890
B) 1) APLM	60.254	1920.716	5) Goa (Amona)	-1.332	-39.996
2) JSWEL	16.194	533.132	Total	170.173	5456.650
3) VIPL	0.000	0.000	a) Mumbai Schedule	37.215	1063.012
4) RPL(AMT)	24.329	712.685	b) Mumbai Drawl	40.261	1140.272
5) SWPGPL	9.482	256.705	c) MSEDCL Bilateral *	75.544	2302.299
6) Other IPP	16.950	578.335	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	37.210	1062.851
C) 1) TPCL Thermal	15.740	437.866	Include PX	0.000	0.000
2) TPCL Hydro	4.850	124.094	Standby	0.005	0.161
3) TPCL Gas	0.000	62.898	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.587	337.994	1) MSEDCL	505.594	15180.868
D) STATE			2) Mumbai Discoms	72.438	2103.111
1) Thermal	330.101	9794.167	3) Other Discoms	9.361	279.594
(A1+C1+C4+(B1-B6))			TOTAL STATE	587.393	17563.573
2) Hydro (A2+C2)	40.338	821.152			
3) Gas (A3+B7+C3)	3.164	228.419			
4) Wind	33.101	982.583			
6) SOLAR	10.516	280.615			
TOTAL STATE	417.220	12106.936			

* 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	7162	7212	7357	7354
MSPGCL Hydro	1692	1326	1068	900
MSPGCL Gas	136	136	137	126
MSPGCL Total Generation	8990	8674	8562	8380
Central Sector Receipt	8659	9167	6325	6961
WIND	671	1040	1923	1126
CPP / IPP Thermal	5295	5294	5569	5234
CPP / IPP Gas	0	0	0	0
SOLAR	1350	1186	0	346
Exchange with Mumbai	-2216	-2179	-1536	-1383
MSEDCL DEMAND MET	22326	22767	20420	20264
Load Shedding	0	0	0	0
MSEDCL DEMAND	22326	22767	20420	20264
TPCL GENERATION	860	880	1022	662
AEML GENERATION	435	468	478	496
MUMBAI DEMAND	3511	3527	3036	2541
OTHER DISCOM DEMAND	423	414	424	399
STATE DEMAND MET	26260	26708	23880	23204
STATE DEMAND	26260	26708	23880	23204
Frequency (Hz)	50.01	49.91	49.88	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.31 Hz at 16:47 Hrs	49.69 Hz at 05:48 Hrs	49.97	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 30/May/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.82	108.14	190	130
Unit 7	0.00	0.00	0	0
Unit 8	13.45	399.35	585	550
Unit 9	12.66	371.96	557	491
Unit 10	12.95	384.66	566	507
Total	42.88	1264.11		
Bhusawal				
Unit 3	3.52	78.48	160	120
Unit 4	10.92	249.90	470	435
Unit 5	10.32	270.42	470	333
Total	24.76	598.80		
Parli				
Unit 6	5.50	95.91	250	160
Unit 7	5.13	127.15	234	158
Unit 8	3.11	82.73	140	125
Total	13.73	305.78		
Chandrapur				
Unit 3	3.35	110.69	145	132
Unit 4	3.24	102.40	146	130
Unit 5	8.84	225.84	380	360
Unit 6	7.02	245.01	340	265
Unit 7	9.18	264.92	412	304
Unit 8	10.84	303.09	462	440
Unit 9	10.28	303.38	438	409
Total	52.75	1555.33		
Paras				
Unit 3	5.14	129.64	236	185
Unit 4	4.51	131.84	234	154
Total	9.64	261.48		
Khaparkheda				
Unit 1	2.91	89.06	135	105
Unit 2	3.50	105.29	155	120
Unit 3	4.24	110.13	183	160
Unit 4	3.43	96.03	157	130
Unit 5	11.30	329.17	475	460
Total	25.38	729.68		
Nasik				
Unit 3	0.00	92.97	0	0
Unit 4	3.06	103.33	153	115
Unit 5	3.36	105.26	162	120
Total	6.41	301.56		
Uran				
All Units	3.16	165.52	137	125
Total	3.16	165.52		
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)	0.10	3.18	26	0
Total	0.10	3.18		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	7.64	148.69	515	40
Stage 4	15.88	245.30	1006	0
Stage 3	5.56	87.68	320	80
Total	29.08	481.67		
Hydro				
KDPH	0.56	16.24	24	24
VTRNA	0.00	17.34	0	0
TILLARI	0.00	8.24	0	0
BHIRA T.R.	0.18	5.72	57	0
SMLHY_PTN	5.31	155.15	509	201
GHATGHAR	0.25	9.51	74	0
Total	6.31	212.21		
Wind				
Total	33.10	982.58	0	0
Total	33.10	982.58		
CPP				
APML(Mus)	60.25	1920.72	0	0
JSWEL(Mus)	16.19	533.13	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	24.33	712.68	0	0
SWPGPL-Mus	9.48	256.70	0	0
Other(Mus)	16.95	578.34	0	0
Total	127.21	4001.57		
SOLAR				
Total	10.52	280.62	0	0
Total	10.52	280.62		
Tata				
Trombay 5	10.20	285.24	445	311
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	38.84	0	0
Trombay 7B	0.00	24.06	0	0
TATA Hydro	4.85	124.09	370	0
Trombay 8	5.54	152.63	241	177
Total	20.59	624.86		
AEMIL				
DTPS U-1&2	11.59	337.99	501	435
Total	11.59	337.99		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	175.56	5016.73	MSPGCL Total	214.22	5879.31
			MSPGCL Thml+Gas	178.73	5182.26	Koyna 1,2 & 4 Total	23.52	393.99
			MSPGCL Hydro	35.49	697.06	State Total	417.22	12106.94

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 30/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 DEMAND	OTHER DISCOM DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	7476	1904	136	9516	1807	5288	0	0	5931	5778	-1513	20539	0	20539	2987	337	23862	49.96
2	7417	1804	126	9348	1649	5265	0	0	6129	6083	-1343	20690	0	20690	2815	311	23816	49.89
3	7414	1988	136	9538	1523	5116	0	0	6137	6067	-1329	20615	0	20615	2646	300	23560	49.95
4	7353	1934	126	9414	1488	5145	0	0	6227	5992	-1311	20418	0	20418	2510	310	23238	50.00
5	7342	1812	136	9290	1440	5185	0	0	6127	6253	-1217	20633	0	20633	2438	318	23390	49.99
6	7370	1900	126	9396	1568	5214	0	0	6329	6222	-1198	20857	0	20857	2424	344	23626	49.84
7	7376	1490	137	9004	1257	5264	0	90	6738	6543	-1239	20539	0	20539	2406	380	23324	49.99
8	7354	900	126	8380	1126	5234	0	346	6916	6961	-1383	20264	0	20264	2541	399	23204	50.02
9	7281	842	135	8258	1089	5250	0	745	7337	7446	-1787	20576	0	20576	2822	424	23822	50.01
10	7122	906	125	8154	995	5078	0	1037	7851	7948	-1917	20881	0	20881	3164	413	24458	49.98
11	7134	1406	136	8676	803	5139	0	1266	8173	8349	-2146	21665	0	21665	3413	422	25500	49.98
12	7162	1692	136	8990	671	5295	0	1350	8317	8659	-2216	22326	0	22326	3511	423	26260	50.01
13	7204	1590	125	8918	884	5279	0	1410	8693	8550	-2199	22427	0	22427	3527	416	26370	49.98
14	7239	1092	135	8466	880	5293	0	1325	9002	8627	-2133	22044	0	22044	3452	415	25910	50.00
15	7212	1326	136	8674	1040	5294	0	1186	9010	9167	-2179	22767	0	22767	3527	414	26708	49.91
16	7220	1704	125	9050	1181	5326	0	903	8466	8632	-2209	22470	0	22470	3574	412	26456	49.86
17	7225	2062	137	9424	1411	5289	0	567	8130	8207	-2000	22460	0	22460	3407	438	26306	50.01
18	7260	1254	126	8640	1720	5243	0	242	7858	7416	-1878	20945	0	20945	3270	439	24654	50.02
19	7392	504	136	8032	1816	5257	0	49	7474	6740	-1704	19754	0	19754	3100	435	23290	50.01
20	7357	1068	137	8562	1923	5569	0	0	6559	6325	-1536	20420	0	20420	3036	424	23880	49.88
21	7424	1248	126	8798	1832	5614	0	0	6029	5895	-1488	20247	0	20247	2976	403	23626	49.99
22	7445	1492	137	9074	1678	5596	0	0	5512	5605	-1388	20162	0	20162	2916	403	23480	50.00
23	7464	1806	127	9396	1720	5613	0	0	5966	6016	-1426	20923	0	20923	2944	397	24264	49.99
24	7322	1764	136	9222	1600	5363	0	0	6583	6692	-1522	20972	0	20972	3032	384	24388	49.97
MUs	175.56	35.49	3.16	214.22	33.10	127.21	0.00	10.52	171.49	170.17	-40.26	505.59	0.00	505.59	72.44	9.36	587.39	49.97

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 30/May/2022

Position as on 6.30 Hrs of 31/May/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
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	31/05/2022	05:45	Flame Failure	31/05/2022
IPP	Adani U-3	660	27/05/2022	16:13		Continued.	APH-A HOT PA BELOW LEAKAGE.	31/05/2022
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	31/05/2022	07:40	Boiler Tube Leakage	31/05/2022
IPP	RPL(AMT) U-5	270	30/05/2022	23:20		Continued.	CW LINE BELWO LEKAGE.	01/06/2022
MSPGCL	Bhusawal Unit 5	500	30/05/2022	23:55		Continued.	Boiler Tube Leakage	03/06/2022
IPP	RPL(AMT) U-4	270	31/05/2022	01:15		Continued.	Ash Conveyer problem	01/06/2022

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/May/2022

Statement-VII

Position as on 6.30 Hrs of 31/May/2022

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							
LAMBOTI - SOLAPUR (PG)	InterState	30/05/2022	13:48	30/05/2022	19:20	HT	Powergrid Annual Maintenance work
CHANDRAPUR - KHAPERKHEDA	IntraState	31/05/2022	06:33			EO	Replacement of 04 no.s of Faulty disc insulator string at loc.no.120 observed during PID test.
400 KV ICT Outages/Trippings							
400/220/33 KV 315 MVA ICT - 1 @ DHULE	IntraState	28/05/2022	09:54	30/05/2022	20:25	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 315MVA ICT - 1 @ BABHALESHWAR	IntraState	30/05/2022	19:34	30/05/2022	23:52	EO	Attending Red Hot Spot on Y phase LV Bushing
220 KV TBC Outages/Trippings							
TBC @ AAREY	IntraState	30/05/2022	09:37	30/05/2022	18:19	PO	For safety purpose while working on 125 MVA TR-5.
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.
PADGHE - JAMBHUL 2	IntraState	30/05/2022	11:17	30/05/2022	21:28	PO	For checking SF6 Gas leakage from mechanism of CB & Checking compressor.
KANDALGAON - ONGC PANVEL	IntraState	30/05/2022	12:30	30/05/2022	14:09	T	DP
PANDHARPUR - MALINAGAR	IntraState	30/05/2022	16:20	30/05/2022	21:04	PO	Outage is required for For changing / replacement of faulty string at loc no. Main line - 1,4,7,15,16,19,22,69.
APTA - KALWA	IntraState	31/05/2022	04:11	31/05/2022	05:59	PO	CT secondary rusted box replacement work
APTA - BOMBAY DYEING	IntraState	31/05/2022	06:04	31/05/2022	07:01	PO	CT secondary rusted box replacement work
KALWA - COLOURCHEM	IntraState	31/05/2022	06:06	31/05/2022	08:26	EO	Y ph LA replacement work due to high LCM value. (580)
APTA - TAMBATI	IntraState	31/05/2022	07:09			PO	CT secondary rusted box replacement work
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	30/05/2022	14:21	PO	Transformer painting work
220/132KV 100MVA ICT 1 @ SATARA MIDC	IntraState	25/05/2022	10:38			PO	Transformer painting work
220/132KV 100MVA PTR 1 @ KHAREPATAN	IntraState	30/05/2022	08:23	30/05/2022	14:51	PO	For quarterly maintenance work of GEC ICT-1 at 220kV Kharepatan S/s end.
220/33kV 125 MVA TF 5 @ AAREY	IntraState	30/05/2022	09:19	30/05/2022	17:49	PO	Annual and Premonsoon maintenance of Transformer, NGT and Bay Equipments.
220/110 KV 100 MVA PTR 1 @ BIDRI	IntraState	30/05/2022	09:25	30/05/2022	18:20	PO	For Tan delta testing & quaterly maintenance work
220/100 KV 100 MVA ICT 1 @ TAMBATI	IntraState	30/05/2022	09:32	30/05/2022	13:58	PO	Premonsoon maintenance work and CT secondary rusted box repairing work

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/May/2022

Statement-VII

Position as on 6.30 Hrs of 31/May/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33KV 50MVA PTR 3 @ WATHAR	IntraState	30/05/2022	09:50	30/05/2022	18:00	PO	Premonsoon Maintenance works. Diagnetesting works.
220/100 KV 100 MVA ICT 2 @ TAMBATI	IntraState	30/05/2022	14:27	30/05/2022	17:55	PO	Premonsoon maintenance work and CT secondary rusted box repairing work
220/132KV 100MVA PTR 2 @ KHAREPATAN	IntraState	30/05/2022	14:59	30/05/2022	17:40	PO	For quarterly maintenance work of Vijai ICT-2 at 220kV Kharepatan S/s end.
220/22KV 50 MVA PTR - 3 @ AKP	IntraState	30/05/2022	17:20	30/05/2022	23:19	T	TRIPPED DUE TO DIFFERENTIAL RELAY OPERATED.
220/33kv 125 MVA TF 5 @ VERSOVA (AEML)	IntraState	30/05/2022	19:25	31/05/2022	07:44	T	Tripped on differential protection
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.
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 - 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 shfiting these lines on new Multicircuit Towers between Darave to Vashi.
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 shfiting these lines on new Multicircuit Towers between Darave to Vashi.

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