

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.685	4537.076	1) Gujrat	-5.594	-186.803
2) Hydro	14.544	363.314	2) Madhya Pradesh	6.012	127.911
3) Gas	6.630	122.164	3) Chattisgarh	2.710	77.510
Total MSPGCL	155.859	5022.554	4) Maharashtra	161.855	4791.902
B) 1) APML	53.903	1920.894	5) Goa (Amona)	-0.788	-27.634
2) JSWEL	16.343	486.535	Total	164.195	4782.886
3) VIPL	0.000	0.000	a) Mumbai Schedule	34.093	971.956
4) RPL(AMT)	25.306	727.415	b) Mumbai Drawl	37.564	1071.025
5) SWPGPL	9.362	243.241	c) MSEDCL Bilateral *	73.514	2095.262
6) Other IPP	9.502	371.509	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	34.093	971.735
C) 1) TPCL Thermal	11.669	418.457	Include PX	0.000	2.021
2) TPCL Hydro	2.049	114.192	Standby	0.000	0.221
3) TPCL Gas	2.112	34.721	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.025	297.762	1) MSEDCL	427.081	13274.663
D) STATE			2) Mumbai Discoms	63.419	1936.160
1) Thermal	270.795	9002.889	3) Other Discoms	9.311	269.683
(A1+C1+C4+(B1-B6))			TOTAL STATE	499.811	15480.506
2) Hydro (A2+C2)	16.593	477.506			
3) Gas (A3+B7+C3)	8.742	156.885			
4) Wind	29.458	793.151			
6) SOLAR	10.028	267.186			
TOTAL STATE	335.616	10697.617			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 15 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5438	5366	5669	5676
MSPGCL Hydro	431	561	1601	352
MSPGCL Gas	266	282	270	285
MSPGCL Total Generation	6135	6209	7540	6313
Central Sector Receipt	8042	8394	6301	5787
WIND	557	730	2005	1149
CPP / IPP Thermal	4824	4356	5134	4408
CPP / IPP Gas	0	0	0	0
SOLAR	1191	1146	0	0
Exchange with Mumbai	-1878	-1978	-1755	-1076
MSEDCL DEMAND MET	18444	18451	18789	16274
Load Shedding	0	0	0	0
MSEDCL DEMAND	18444	18451	18789	16274
TPCL GENERATION	839	608	692	533
AEML GENERATION	491	400	431	347
MUMBAI DEMAND	3208	2986	2878	1956
OTHER DISCOM DEMAND	427	405	435	307
STATE DEMAND MET	22079	21843	22103	18537
STATE DEMAND	22079	21843	22103	18537
Frequency (Hz)	50.01	50.05	50.02	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.17 Hz at 15.02 Hrs	49.8 Hz at 18.46 Hrs	50.01	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/Jun/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	2.97	110.90	140	105
Unit 7	0.00	0.00	0	0
Unit 8	11.66	352.52	514	416
Unit 9	0.00	292.53	0	0
Unit 10	7.91	333.12	481	0
Total	22.54	1089.07		
Bhusawal				
Unit 3	2.88	92.52	150	90
Unit 4	10.76	294.14	470	425
Unit 5	3.79	267.67	440	0
Total	17.44	654.33		
Parli				
Unit 6	3.78	123.58	245	0
Unit 7	4.42	124.44	230	108
Unit 8	0.00	74.95	0	0
Total	8.20	322.97		
Chandrapur				
Unit 3	3.20	87.11	155	125
Unit 4	3.00	57.59	132	115
Unit 5	8.50	240.68	368	345
Unit 6	8.85	217.88	385	340
Unit 7	0.00	113.41	0	0
Unit 8	11.21	314.07	477	450
Unit 9	10.79	261.15	464	415
Total	45.55	1291.89		
Paras				
Unit 3	5.28	139.62	241	200
Unit 4	5.40	125.93	234	216
Total	10.68	265.54		
Khaparkheda				
Unit 1	2.96	92.12	135	110
Unit 2	3.28	97.22	150	115
Unit 3	4.28	120.07	182	172
Unit 4	0.00	13.16	0	0
Unit 5	11.03	311.96	475	425
Total	21.56	634.54		
Nasik				
Unit 3	3.72	108.07	174	121
Unit 4	1.66	85.90	162	0
Unit 5	3.34	84.77	150	125
Total	8.72	278.73		
Uran				
All Units	6.63	122.16	291	266
Total	6.63	122.16		
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)	0.07	5.52	12	0
Total	0.07	5.52		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.99	82.64	410	35
Stage 4	3.79	61.14	750	0
Stage 3	1.41	35.47	240	0
Total	8.19	179.25		
Hydro				
KDPH	0.00	11.56	0	0
VTRNA	0.67	6.43	60	0
TILLARI	0.00	8.10	0	0
BHIRA T.R.	0.10	5.94	57	0
SMLHY_PTN	5.51	144.39	237	223
GHATGHAR	0.00	2.13	0	0
Total	6.29	178.54		
Wind				
Total	29.46	793.15	0	0
Total	29.46	793.15		
CPP				
APML(Mus)	53.90	1920.89	0	0
JSWEL(Mus)	16.34	486.54	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.31	727.42	0	0
SWPGPL-Mus	9.36	243.24	0	0
Other(Mus)	9.50	371.51	0	0
Total	114.42	3749.59		
SOLAR				
Total	10.03	267.19	0	0
Total	10.03	267.19		
Tata				
Trombay 5	7.58	271.56	445	261
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.15	21.13	48	48
Trombay 7B	0.96	13.59	40	40
TATA Hydro	2.05	114.19	166	35
Trombay 8	4.09	146.90	224	131
Total	15.83	567.37		
AEML				
DTPS U-1&2	10.02	297.76	496	347
Total	10.02	297.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.68	4537.08	MSPGCL Total	155.86	5022.55
			MSPGCL Thml+Gas	141.32	4659.24	Koyna 1,2 & 4 Total	6.78	143.78
			MSPGCL Hydro	14.54	363.31	State Total	335.62	10697.62

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 29/Jun/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	5870	300	273	6443	1354	5095	0	0	5248	5139	-1019	16664	0	16664	2323	348	19335	50.04
2	5908	266	283	6457	1447	4874	0	0	5350	5258	-1095	16609	0	16609	2160	332	19101	50.01
3	5783	266	271	6320	1295	4764	0	0	5445	5481	-1105	16440	0	16440	2026	315	18781	49.98
4	5676	352	285	6313	1149	4408	0	0	5620	5787	-1076	16274	0	16274	1956	307	18537	50.01
5	5672	357	273	6302	1120	4860	0	0	5730	6075	-1043	17010	0	17010	1934	304	19248	49.99
6	5687	704	291	6682	1135	5021	0	0	5986	6489	-1129	17867	0	17867	2033	331	20231	50.02
7	5749	1215	273	7237	957	5022	0	90	6180	6440	-1239	18145	0	18145	2166	362	20673	49.99
8	5913	1120	281	7314	808	4985	0	367	6482	6612	-1376	18320	0	18320	2331	390	21041	50.01
9	5894	556	270	6720	771	4605	0	701	7693	7872	-1734	18521	0	18521	2657	414	21592	50.05
10	5572	683	277	6532	615	4518	0	937	7690	7853	-1808	18220	0	18220	3004	427	21651	50.01
11	5438	431	266	6135	557	4824	0	1191	8219	8042	-1878	18444	0	18444	3208	427	22079	50.01
12	5380	368	271	6019	453	4359	0	1250	8805	8543	-1915	18284	0	18284	3232	425	21941	49.98
13	5290	322	268	5880	384	4498	0	1253	8364	8251	-1841	18019	0	18019	3154	406	21579	49.99
14	5228	382	278	5888	483	4155	0	1207	8267	8396	-1785	17950	0	17950	3017	393	21361	50.02
15	5366	561	282	6209	730	4356	0	1146	8429	8394	-1978	18451	0	18451	2986	405	21843	50.05
16	5429	325	271	6025	1090	4787	0	971	8104	7760	-2029	18186	0	18186	2988	418	21592	50.02
17	5388	367	280	6035	1837	4298	0	574	7778	7754	-2038	18037	0	18037	2986	423	21446	50.04
18	5431	392	267	6090	1879	4216	0	277	7265	7236	-1921	17349	0	17349	2936	428	20713	50.04
19	5594	804	278	6676	2042	4444	0	64	7027	6868	-1877	17774	0	17774	2877	442	21094	49.95
20	5669	1601	270	7540	2005	5134	0	0	6086	6301	-1755	18789	0	18789	2878	435	22103	50.02
21	5638	1209	283	7130	1917	5319	0	0	5986	6274	-1581	18628	0	18628	2809	431	21868	50.02
22	5621	962	275	6858	1861	5298	0	0	5930	5944	-1521	18031	0	18031	2695	409	21135	50.02
23	5733	551	286	6570	1838	5306	0	0	5908	5925	-1470	17791	0	17791	2590	378	20759	50.00
24	5756	450	278	6484	1731	5272	0	0	5449	5501	-1351	17276	0	17276	2473	361	20110	50.06
MUs	134.69	14.54	6.63	155.86	29.46	114.42	0.00	10.03	163.04	164.19	-37.56	427.08	0.00	427.08	63.42	9.31	499.81	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/Jun/2022

Position as on 6.30 Hrs of 30/Jun/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Khaparkheda Unit 4	210	05/06/2022	00:07		Continued.	Annual Overhaul	20/07/2022
MSPGCL	Koyna STG-IV Unit-2	250	13/06/2022	00:00		Continued.	Commissioning and installation of New TSLG governor	30/06/2022
IPP	RPL(AMT) U-5	270	15/06/2022	00:00		Continued.	Annual Overhaul	25/07/2022
MSPGCL	Koyna Unit 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	30/09/2022
MSPGCL	Parli Unit 8	250	25/06/2022	00:00		Continued.	Short overhauling	10/07/2022
MSPGCL	Koyna Unit 6	80	28/06/2022	13:20		Continued.	enjector replacement	01/07/2022
FORCED OUTAGE								
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)	
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	22/10/2022
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	15/07/2022
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	
MSPGCL	Chandrapur Unit 7	500	15/06/2022	05:01		Continued.	Turbine Gland steam temperature not maintained	15/07/2022
MSPGCL	Ghatghar Unit-2	125	18/06/2022	10:00		Continued.	for Hydraulic Intake Gate Work	30/06/2022
MSPGCL	Uran Unit B0	120	24/06/2022	06:28		Continued.	Excitation channel fault(Converted to Gas Shortage from 26-06-22)	
MSPGCL	Uran Unit 8	108	24/06/2022	15:33		Continued.	Gas shortage	
IPP	Adani U-2	660	25/06/2022	04:18		Continued.	Stator Earth Fault	30/06/2022
MSPGCL	Koradi Unit 9	660	27/06/2022	13:45		Continued.	Air Filter Problem	30/06/2022
MSPGCL	Nasik Unit 4	210	28/06/2022	03:12	29/06/2022	11:38	Boiler Tube Leakage	30/06/2022
IPP	SWPGPL U-1	135	29/06/2022	00:51		Continued.	Turbine vibration	29/06/2022
MSPGCL	Parli Unit 6	250	29/06/2022	02:28	29/06/2022	06:37	Furnace pressure high	
MSPGCL	Koradi Unit-10	660	29/06/2022	09:16	29/06/2022	13:53	ELETRICAL FAULT	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Jun/2022

Position as on 6.30 Hrs of 30/Jun/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Bhusawal Unit 5	500	29/06/2022	12:09		Continued.	CLINKER FORMATION	01/07/2022

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

Statement-VII

Position as on 6.30 Hrs of 30/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
400 KV MAINBAY Outages/Trippings							
400KV MAIN BAY 413 OF SPARE BAY @ CHANDRAPUR 2	InterState	23/06/2022	20:33			EO	for requirement of trip coil material from 400 kv spare bay 413 CB and utilise it in 400 kv Warora Ckt 2 CB 425
MAIN BAY (431) OF 167 MVA SPARE ICT @ KORADI II	IntraState	16/06/2022	11:23			PO	1) Premonsoon maintenance work& 2) Routine Bay Maintenance.
400 KV LINE Outages/Trippings							
WARORA - WARDHA (PG)	InterState	20/06/2022	10:10			PO	1. Tower Erection of loc. No. 01 under 400 kV Wardha-Warora line. 2. Connecting 400kV Warora (MSETCL) to 400kV Warora (PGCIL)
NEW KOYNA - DABHOL CKT - 1	IntraState	29/06/2022	12:14	29/06/2022	18:33	EO	Replacement of Faulty Insulators strings of Y.Ph. At loc.no. 31
TAPTITANDA - EKTUNI CKT - 2	IntraState	29/06/2022	12:40	29/06/2022	17:06	PO	Relay Testing work & Quarterly maintenance work.
PARLI - KARJAT CKT - 2	IntraState	30/06/2022	00:12			EO	Replacement of faulty string
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	30/06/2022	07:34			HT	HT for Controlling Loading
400 KV ICT Outages/Trippings							
400/220/33 KV 500 MVA ICT - 3 @ JEJURI	IntraState	29/06/2022	08:07	29/06/2022	12:55	T	TRIPPED ON OLTC BUCHOLZ RELAY
220 KV MAINBAY Outages/Trippings							
BUS COUPLER @ PHURSUNGI	IntraState	29/06/2022	14:42	29/06/2022	20:00	PO	Replacement of 800/1A CT's by 1600-800/1A CT's of 220kV Bus Coupler bay along with twin jumpering work from 29A to CB to CT.
220 KV LINE Outages/Trippings							
EKLAHARA(GCR)(NASIK)-BABLESHWAR 2	IntraState	27/04/2022	12:21			EO	Shifting of 220kV GCR-BBLR-2 line on 220kV TBC bay.
TATA BORIVLI MSETCL BORIVLI - 4	IntraState	27/06/2022	10:00			PO	PROJECT WORK-CRP REPLACEMENT AT MSETCL END
LAMBOTI - PANDHARPUR	IntraState	29/06/2022	10:08	29/06/2022	15:40	PO	Routine maintenance work.
NAGOTHANE - ACCIL	IntraState	29/06/2022	11:10	29/06/2022	16:31	PO	Replacement of flashover polymer insulator at Loc no. 490
Aux Bus @ SOUTH SOLAPUR (KUMBHARI)	IntraState	29/06/2022	14:38	29/06/2022	18:12	PO	Outage is required for Quarterly Maintenance
WAGHIVALI - DHARAVI 7	IntraState	30/06/2022	00:22	30/06/2022	05:24	PO	Third Party work in vicinity of line at loc.40A (S G Barve crossing Kurla) of Mumbai Metro 2B civil concreting work
WAGHIVALI - DHARAVI 8	IntraState	30/06/2022	00:23	30/06/2022	05:25	PO	Third Party work in vicinity of line at loc.40A (S G Barve crossing Kurla) of Mumbai Metro 2B civil concreting work.
KHAREPATAN -PAWAS LINE	IntraState	30/06/2022	06:04	30/06/2022	06:54	T	Distance Protection
APTA - KALWA	IntraState	30/06/2022	07:19			PO	220 KV Road side Auxiliary bus(C BUS) conductor replacement work.
KALWA - PANCHANAND	IntraState	30/06/2022	07:25			PO	220 KV Road side Auxiliary bus(C BUS) conductor 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.

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

Statement-VII

Position as on 6.30 Hrs of 30/Jun/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/22 KV 50 MVA PTR 1 @ KANDALGAON	IntraState	14/12/2021	16:55			EO	For dismantling said 50MVA T/f 1 at 220 kV K'gaon S/s
220/100 KV 200 MVA ICT 3 @ KALWA	IntraState	28/06/2022	08:51			PO	220 KV Road side Auxiliary bus(C BUS) conductor replacement work.
220/132KV 200MVA ICT 1 @ KURKUMBH	IntraState	29/06/2022	11:35	29/06/2022	17:00	PO	RELAY TESTING WORK
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 - MANKHURD	IntraState	04/02/2022	10:30			PO	Construction of 400KV M/C Kharghar-Vikhroli Transmission line along with Dismantling, De-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting 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-Stringing of existing 110KV Waghivali-Mankhurd and Waghivali-Chembur lines and shifting these lines on new Multicircuit Towers between Darave to Vashi.
KALWA KALYAN	IntraState	29/06/2022	07:09	29/06/2022	18:33	PO	Tower Erection at Runwal Garden Project- Line Diversion for customer funded projects
KALWA KALYAN	IntraState	30/06/2022	08:12			PO	Tower Erection at Runwal Garden Project- Line Diversion for customer funded projects

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