

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Aug/2022 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	131.911	2926.900	1) Gujrat	11.548	260.661
2) Hydro	20.850	416.420	2) Madhya Pradesh	9.296	173.511
3) Gas	2.651	140.259	3) Chattisgarh	3.670	86.840
Total MSPGCL	155.412	3483.579	4) Maharashtra	168.800	4088.164
B) 1) APML	60.428	1486.763	5) Goa (Amona)	-0.930	-44.945
2) JSWEL	21.031	407.082	Total	192.384	4564.231
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.913	838.027
4) RPL(AMT)	19.084	553.496	b) Mumbai Drawl	27.603	912.849
5) SWPGPL	5.673	168.998	c) MSEDCL Bilateral *	75.179	2131.863
6) Other IPP	5.092	158.906	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.909	837.739
C) 1) TPCL Thermal	11.641	293.400	Include PX	0.000	0.000
2) TPCL Hydro	5.255	175.186	Standby	0.004	0.288
3) TPCL Gas	0.000	50.669	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.127	247.639	1) MSEDCL	444.343	10948.621
D) STATE			2) Mumbai Discoms	55.627	1679.747
1) Thermal	265.987	6243.184	3) Other Discoms	8.518	243.911
(A1+C1+C4+(B1-B6))			TOTAL STATE	508.488	12872.279
2) Hydro (A2+C2)	26.105	591.606			
3) Gas (A3+B7+C3)	2.651	190.928			
4) Wind	10.538	1049.966			
6) SOLAR	10.822	232.360			
TOTAL STATE	316.103	8308.044			

* 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 20 Hrs	D. Night Minimum at 1 Hrs
MSPGCL Thermal	5339	5405	5699	5289
MSPGCL Hydro	1013	1002	1884	622
MSPGCL Gas	109	108	108	109
MSPGCL Total Generation	6461	6515	7691	6020
Central Sector Receipt	9293	9030	7539	6754
WIND	195	199	416	843
CPP / IPP Thermal	4502	4750	4773	4774
CPP / IPP Gas	0	0	0	0
SOLAR	1410	1241	0	0
Exchange with Mumbai	-1465	-1457	-1019	-1105
MSEDCL DEMAND MET	20006	19884	19015	16952
Load Shedding	0	0	0	0
MSEDCL DEMAND	20006	19884	19015	16952
TPCL GENERATION	623	613	1010	717
AEML GENERATION	487	485	485	488
MUMBAI DEMAND	2575	2555	2514	2310
OTHER DISCOM DEMAND	390	394	385	334
STATE DEMAND MET	22971	22833	21914	19596
STATE DEMAND	22971	22833	21914	19596
Frequency (Hz)	49.94	49.92	49.99	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.14 Hz at 14:01 Hrs	49.74 Hz at 19:11 Hrs	49.99	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 28/Aug/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.98	75.24	190	110
Unit 7	0.00	0.00	0	0
Unit 8	12.02	117.98	540	471
Unit 9	0.00	46.51	0	0
Unit 10	11.13	290.09	513	330
Total	27.13	529.81		
Bhusawal				
Unit 3	2.29	11.03	110	75
Unit 4	8.24	230.20	420	290
Unit 5	0.00	55.81	0	0
Total	10.52	297.04		
Parli				
Unit 6	4.31	115.56	195	160
Unit 7	4.20	105.47	187	155
Unit 8	4.26	100.50	185	165
Total	12.77	321.54		
Chandrapur				
Unit 3	2.92	37.63	145	100
Unit 4	2.54	20.29	111	99
Unit 5	5.97	146.24	275	220
Unit 6	6.05	149.49	355	170
Unit 7	7.98	70.78	377	265
Unit 8	9.62	251.77	468	339
Unit 9	10.67	262.96	452	418
Total	45.75	939.16		
Paras				
Unit 3	5.06	103.87	239	187
Unit 4	5.04	108.05	223	197
Total	10.09	211.92		
Khaparkheda				
Unit 1	2.51	45.50	120	85
Unit 2	0.61	44.78	90	0
Unit 3	3.18	94.46	140	124
Unit 4	3.78	71.60	180	135
Unit 5	9.73	209.23	425	375
Total	19.81	465.58		
Nasik				
Unit 3	3.04	81.77	139	110
Unit 4	0.00	0.00	0	0
Unit 5	2.78	80.08	129	64
Total	5.82	161.85		
Uran				
All Units	2.65	140.26	121	107
Total	2.65	140.26		
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)	0.59	16.68	27	23
Total	0.59	16.68		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.58	75.26	435	35
Stage 4	5.77	75.33	755	0
Stage 3	2.01	45.12	240	0
Total	12.35	195.71		
Hydro				
KDPH	0.00	11.91	0	0
VTRNA	0.66	17.20	61	0
TILLARI	0.58	15.03	58	0
BHIRA T.R.	0.45	13.13	77	0
SMLHY_PTN	5.83	141.27	259	228
GHATGHAR	0.38	5.50	125	0
Total	7.91	204.03		
Wind				
Total	10.54	1049.97	0	0
Total	10.54	1049.97		
CPP				
APML(Mus)	60.43	1486.76	0	0
JSWEL(Mus)	21.03	407.08	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	19.08	553.50	0	0
SWPGPL-Mus	5.67	169.00	0	0
Other(Mus)	5.09	158.91	0	0
Total	111.31	2775.24		
SOLAR				
Total	10.82	232.36	0	0
Total	10.82	232.36		
Tata				
Trombay 5	7.95	195.88	416	266
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.00	29.32	0	0
Trombay 7B	0.00	21.35	0	0
TATA Hydro	5.26	175.19	393	55
Trombay 8	3.69	97.52	201	132
Total	16.90	519.26		
AEML				
DTPS U-1&2	11.13	247.64	493	367
Total	11.13	247.64		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	131.91	2926.90	MSPGCL Total	155.41	3483.58
			MSPGCL Thml+Gas	134.56	3067.16	Koyna 1,2 & 4 Total	10.34	150.59
			MSPGCL Hydro	20.85	416.42	State Total	316.10	8308.04

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/Aug/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	5289	622	109	6020	843	4774	0	0	6579	6754	-1105	16952	0	16952	2310	334	19596	49.98
2	5333	708	110	6151	751	4796	0	0	6792	6939	-1000	17321	0	17321	2157	316	19794	50.00
3	5395	330	110	5835	779	4732	0	0	7105	7256	-994	17297	0	17297	2038	311	19646	50.00
4	5437	324	110	5871	762	4688	0	0	7074	7423	-938	17506	0	17506	1960	300	19766	50.01
5	5450	373	110	5933	700	4338	0	0	7685	8051	-888	17826	0	17826	1928	308	20062	49.96
6	5376	782	111	6269	551	4648	0	0	7657	8015	-838	18316	0	18316	1973	329	20618	49.98
7	5326	1010	110	6446	455	4756	0	59	8287	8328	-849	18847	0	18847	2007	348	21202	50.00
8	5316	418	111	5845	389	4620	0	343	9307	8950	-955	18836	0	18836	2077	356	21269	50.01
9	5341	583	119	6043	348	4279	0	763	8838	9086	-1190	18958	0	18958	2228	371	21557	50.05
10	5372	771	108	6251	303	4393	0	1160	8157	8471	-1252	18950	0	18950	2412	376	21738	50.03
11	5350	908	109	6367	240	4444	0	1396	8719	8907	-1391	19570	0	19570	2547	393	22510	49.98
12	5339	1013	109	6461	195	4502	0	1410	9410	9293	-1465	20006	0	20006	2575	390	22971	49.94
13	5405	1002	108	6515	199	4750	0	1241	9184	9030	-1457	19884	0	19884	2555	394	22833	49.92
14	5407	536	107	6050	146	4495	0	1321	9560	9289	-1394	19553	0	19553	2471	354	22378	49.99
15	5534	504	117	6155	161	4570	0	1200	8963	9033	-1352	19426	0	19426	2445	341	22212	49.99
16	5565	456	108	6129	177	4640	0	964	9114	8908	-1252	19204	0	19204	2435	362	22001	50.01
17	5525	450	108	6083	304	4770	0	654	8616	8600	-1147	18889	0	18889	2389	375	21653	49.91
18	5589	426	108	6123	403	4759	0	276	8200	8178	-1102	18261	0	18261	2356	376	20993	50.01
19	5703	1103	108	6914	389	4811	0	35	7764	7388	-1179	17982	0	17982	2379	376	20737	50.01
20	5699	1884	108	7691	416	4773	0	0	7193	7539	-1019	19015	0	19015	2514	385	21914	49.99
21	5780	1799	111	7690	470	4776	0	0	7073	6949	-1155	18363	0	18363	2523	367	21253	50.01
22	5842	1561	111	7514	532	4770	0	0	6596	6825	-1251	18027	0	18027	2477	363	20867	49.99
23	5781	1593	121	7495	525	4758	0	0	6333	6576	-1229	17770	0	17770	2457	355	20582	49.97
24	5757	1694	110	7561	500	4466	0	0	6482	6596	-1201	17584	0	17584	2413	338	20335	49.93
MUs	131.91	20.85	2.65	155.41	10.54	111.31	0.00	10.82	190.69	192.38	-27.60	444.34	0.00	444.34	55.63	8.52	508.49	49.99

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 28/Aug/2022

Position as on 6.30 Hrs of 29/Aug/2022

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 9	80	15/06/2022	08:00		Continued.	Capital Overhaul	30/09/2022
MSPGCL	Koyna Unit 4	70	05/08/2022	17:20		Continued.	Generator winding differential protection	20/09/2022
MSPGCL	Koradi Unit 9	660	07/08/2022	14:53		Continued.	Boiler Tube Leakage (Converted to Annual Overhaul from 11.08.2022 for 45 Days)	26/09/2022
MSPGCL	Bhusawal Unit 5	500	08/08/2022	12:31		Continued.	Bottom ash Hopper damaged due to felling of clinker in the boiler (Converted into Annual Overhaul for 33 Days.)	10/09/2022
MSPGCL	Koyna STG-IV Unit-3	250	27/08/2022	12:00		Continued.	Governing System Upgradation	05/09/2022
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)	
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	01/09/2022
IPP	RPL(AMT) U-3	270	30/06/2022	15:00		Continued.	Coal Shortage	
IPP	JSW (J) U4	300	01/07/2022	13:03		Continued.	Turbine bearing Vibration high	31/08/2022
MSPGCL	Nasik Unit 4	210	14/07/2022	19:55		Continued.	Wet Coal Problem.	
IPP	SWPGPL U-2	135	20/07/2022	01:00	28/08/2022	14:11	Coal Shortage	
IPP	SWPGPL U-4	135	16/08/2022	00:45		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	19/08/2022	02:18	28/08/2022	13:27	Furnace Pressure High/poor coal receipt & wet coal.	
IPP	RPL(AMT) U-5	270	19/08/2022	11:00		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	24/08/2022	02:29		Continued.	Gas shortage	
IPP	Adani U-5	660	26/08/2022	00:06	29/08/2022	05:19	HOT PA-5A bellow leakage	30/08/2022
TPC-G	Trombay 7B	60	26/08/2022	00:53		Continued.	Due to Less availability of APM Gas.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Aug/2022

Position as on 6.30 Hrs of 29/Aug/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit B0	120	27/08/2022	15:26		Continued.	Gas shortage	
MSPGCL	Uran Unit 8	108	27/08/2022	15:26		Continued.	Gas shortage	
MSPGCL	Koyana STG-IV Unit-4	250	27/08/2022	18:41	28/08/2022	18:36	DC SUPPLY FAILED	
TPC-G	Trombay 7A	120	27/08/2022	23:14		Continued.	Due to Less availability of APM Gas.	
IPP	SWPGPL U-3	135	28/08/2022	19:04		Continued.	Boiler SSC chain broken problem.	
IPP	Adani U-3	660	28/08/2022	23:48		Continued.	APH Gear Box Abnormal Sound	
MSPGCL	Chandrapur Unit 5	500	29/08/2022	01:00		Continued.	APH abnormal Sound	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 29/Aug/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
KORADI III - AKOLA II Ckt - 2	IntraState	28/08/2022	09:03	28/08/2022	19:43	PO	Annual Maintanace of line
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
400 KV LINE Outages/Trippings							
DHULE - SSNNL CKT - 2	InterState	28/08/2022	15:15	28/08/2022	20:23	T	DP
NEW KOYNA - DABHOL CKT - 2	IntraState	29/08/2022	09:27			PO	Diagnostic testing & Relay testing work
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	29/08/2022	10:22			PO	For Line Bays, L/R & Line AMP works at both ends, Dia to be kept in open condition at both ends.
KARAD - TALANDGE CKT - 1	IntraState	29/08/2022	10:56			PO	CB overhauling work of 400 kV Karad 1 at 400 kV Talandge. Outage is approved in OCCM from 04.08.2022 to 06.08.2022.
400 KV ICT Outages/Trippings							
95 MVA STN TF - II @KORADI 2	IntraState	23/08/2022	12:26			PO	1)Transformer testing and oil filtration 2)Transformer bus duct inspection 3) Station switch gear checking , breaker and relay testing
400/220/33 KV 600 MVA ICT - 4 @ PADGHE	IntraState	28/08/2022	11:15	28/08/2022	19:30	EO	For attending/ Replacement of Bph LV Bushing due to Oil leakage
400/220/33 KV 500 MVA ICT - 3 @ PARLI	IntraState	29/08/2022	09:51			PO	(1) C & Tan D measurement ICT Units. (2) Bay maintenance work.
220 KV MAINBAY Outages/Trippings							
PT BAY @ COLOURCHEM	IntraState	28/08/2022	07:10	28/08/2022	13:55	EO	Emergency replacement of R and Y phase 200KV PT as both PTs found heavily rusted top & bottom tank.
220 KV LINE Outages/Trippings							
KALWA SALSETTE - 4	IntraState	28/08/2022	06:03	28/08/2022	09:39	PO	TREE TRIMMING AND PROTECTION TESTING
COLOURCHEM - TEMGHAR	IntraState	28/08/2022	06:39	28/08/2022	14:00	EO	Emergency replacement of R and Y phase 200KV PT as both PTs found heavily rusted top & bottom tank.
VILE BHAGAD - KANDHALGAON	IntraState	28/08/2022	09:51	29/08/2022	04:17	HT	Main Bus section I Outage
KANDALGAON - PIRANGUT	IntraState	28/08/2022	09:57	29/08/2022	05:52	HT	Main Bus section I Outage
KANDALGAON - KOYNA (POPHALI)	IntraState	28/08/2022	10:00	29/08/2022	04:22	HT	Main Bus section I Outage
BUS SECTION - 1 @ KANDALGAON	IntraState	28/08/2022	10:10	29/08/2022	03:55	PO	For Replacing Single Bus to Twin Bus of Bus section - 1
NANDED CITY-FLAGSHIP	IntraState	28/08/2022	11:27	28/08/2022	14:27	EO	For attending Hotspot of Y PH CB of 220 kv FLAGSHIP bay
MAHALAXMI - AMONA	IntraState	28/08/2022	12:18	28/08/2022	13:21	T	Distance Protection
ADLABS - PEDAMBE	IntraState	28/08/2022	16:05	28/08/2022	18:57	EO	Dismantling of broken earth wire loc No. 249
KARANJADE - WAGHIVALI 7	IntraState	29/08/2022	01:05	29/08/2022	02:58	PO	PROTECTION TESTING
CHALISGAON -BABHALESHWAR	IntraState	29/08/2022	09:35			PO	CB timing DCRM
MUMEWADI -HALKARNI 2 LINE	IntraState	29/08/2022	10:13			PO	For quarterly maintainance and cold washing of bay equipments, maintenance & alignments of isolator, attending Hot-Spots and protection relay testing work.

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Aug/2022

Statement-VII

Position as on 6.30 Hrs of 29/Aug/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
KARAD -MUDSHINGI CKT 2-TAK	IntraState	29/08/2022	10:35			PO	Quarterly Maint .work & Diagostic testing work
VSNL- KHADKI	IntraState	29/08/2022	10:45			PO	Distance relay testing work. CB ready status checking work by testing team and half yearly maintenance work.
KURKUMBH - SHIRSHUPHAL CKT	IntraState	29/08/2022	11:15			PO	DIAGNOSTIC TESTING & MAINTENANCE 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.
220/33KV 50MVA PTR 1 @ JEJURI	IntraState	27/08/2022	15:45	28/08/2022	15:10	PO	REPLACEMENT OF HV SIDE BUS ISOLATOR
220/33kv 100 MVA TF 2 @ GHODBUNDER	IntraState	29/08/2022	08:52	29/08/2022	10:02	PO	1. Checking SF6 pressure gauge of CB compartment 2. To attend oil leakage from NGT -2 inspection cover
220/110 KV 200 MVA ICT - 1 @ ICHALKARANJI - II	IntraState	29/08/2022	09:27			PO	1) Quarterly bay maintenance work.
220/132 KV 200 MVA PTR NO 5 @ PARVATI	IntraState	29/08/2022	10:22			PO	To attend oil leakage from PNRV & Diagnostic testing work
220/33KV 25MVA PTR 1 @ HALKARNI	IntraState	29/08/2022	10:30			PO	For quarterly maintainance and cold washing of bay equipments, protection relay testing, diagnostic testing of CT and CB.
110 KV LINE Outages/Trippings							
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.
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.

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