

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	121.828	3205.111	1) Gujrat	11.086	278.464
2) Hydro	9.142	317.616	2) Madhya Pradesh	7.695	130.714
3) Gas	2.068	71.835	3) Chattisgarh	3.910	102.540
Total MSPGCL	133.038	3594.562	4) Maharashtra	162.456	4204.653
B) 1) APMIL	63.541	1757.992	5) Goa (Amona)	-1.030	-33.313
2) JSWEL	18.324	505.745	Total	184.117	4683.058
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.356	904.183
4) RPL(AMT)	25.502	482.712	b) Mumbai Drawl	34.915	999.747
5) SWPGPL	7.602	138.393	c) MSEDCL Bilateral *	60.646	1626.126
6) Other IPP	4.828	153.856	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	30.356	903.967
C) 1) TPCL Thermal	10.871	311.111	Include PX	0.000	0.000
2) TPCL Hydro	4.613	141.247	Standby	0.000	0.215
3) TPCL Gas	2.925	22.536	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.481	250.402	1) MSEDCL	411.237	10892.748
D) STATE			2) Mumbai Discoms	63.805	1725.044
1) Thermal	262.977	6805.322	3) Other Discoms	9.292	252.201
(A1+C1+C4+(B1-B6))			TOTAL STATE	484.334	12869.993
2) Hydro (A2+C2)	13.755	458.863			
3) Gas (A3+B7+C3)	4.993	94.371			
4) Wind	9.201	579.378			
6) SOLAR	9.291	249.000			
TOTAL STATE	300.217	8186.934			

* 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 2 Hrs
MSPGCL Thermal	4997	4980	5364	4844
MSPGCL Hydro	337	256	1264	229
MSPGCL Gas	85	83	84	88
MSPGCL Total Generation	5419	5319	6712	5161
Central Sector Receipt	9005	8279	7230	6406
WIND	109	162	622	473
CPP / IPP Thermal	4636	4638	5904	4657
CPP / IPP Gas	0	0	0	0
SOLAR	1310	1349	0	0
Exchange with Mumbai	-1929	-1851	-1411	-1028
MSEDCL DEMAND MET	18125	17489	18638	15346
Load Shedding	0	0	0	0
MSEDCL DEMAND	18125	17489	18638	15346
TPCL GENERATION	820	796	1182	675
AEML GENERATION	484	477	487	334
MUMBAI DEMAND	3233	3124	3080	2037
OTHER DISCOM DEMAND	425	407	419	323
STATE DEMAND MET	21783	21020	22137	17706
STATE DEMAND	21783	21020	22137	17706
Frequency (Hz)	50.00	49.98	50.03	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.15 Hz at 18:02 Hrs	49.8 Hz at 10:20 Hrs	50	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/Sep/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	39.35	0	0
Unit 7	0.00	0.00	0	0
Unit 8	10.07	274.36	443	372
Unit 9	10.33	68.83	465	384
Unit 10	10.54	278.96	474	390
Total	30.95	661.51		
Bhusawal				
Unit 3	0.00	57.75	0	0
Unit 4	6.82	228.96	355	195
Unit 5	8.16	82.32	400	300
Total	14.97	369.03		
Parli				
Unit 6	4.94	121.60	230	160
Unit 7	4.04	100.87	205	104
Unit 8	2.99	101.94	136	112
Total	11.98	324.41		
Chandrapur				
Unit 3	3.26	82.64	160	117
Unit 4	3.20	84.28	160	118
Unit 5	4.04	150.50	310	0
Unit 6	7.58	163.00	355	280
Unit 7	3.96	163.09	342	0
Unit 8	0.00	49.00	0	0
Unit 9	9.87	259.19	443	286
Total	31.91	951.70		
Paras				
Unit 3	5.20	125.31	230	196
Unit 4	0.00	86.15	0	0
Total	5.20	211.45		
Khaparkheda				
Unit 1	2.92	74.74	140	105
Unit 2	2.43	44.03	120	80
Unit 3	3.46	88.80	171	129
Unit 4	3.47	84.69	172	127
Unit 5	8.63	226.40	415	280
Total	20.91	518.64		
Nasik				
Unit 3	0.00	32.57	0	0
Unit 4	2.98	56.74	143	109
Unit 5	2.94	79.07	140	110
Total	5.92	168.37		
Uran				
All Units	2.07	71.84	89	83
Total	2.07	71.84		
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)	0.60	14.49	26	24
Total	0.60	14.49		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.12	62.35	360	35
Stage 4	1.93	52.14	663	0
Stage 3	1.04	29.85	240	0
Total	5.10	144.34		
Hydro				
KDPH	0.43	7.42	18	18
VTRNA	0.00	19.47	0	0
TILLARI	0.49	12.89	58	0
BHIRA T.R.	0.28	10.80	60	0
SMLHY_PTN	1.80	102.20	83	69
GHATGHAR	0.44	6.01	125	0
Total	3.45	158.79		
Wind				
Total	9.20	579.38	0	0
Total	9.20	579.38		
CPP				
APML(Mus)	63.54	1757.99	0	0
JSWEL(Mus)	18.32	505.74	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	25.50	482.71	0	0
SWPGPL-Mus	7.60	138.39	0	0
Other(Mus)	4.83	153.86	0	0
Total	119.80	3038.70		
SOLAR				
Total	9.29	249.00	0	0
Total	9.29	249.00		
Tata				
Trombay 5	7.34	209.22	441	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.72	14.26	112	47
Trombay 7B	1.21	8.28	66	40
TATA Hydro	4.61	141.25	382	32
Trombay 8	3.53	101.89	207	132
Total	18.41	474.89		
AEMIL				
DTPS U-1&2	10.48	250.40	487	334
Total	10.48	250.40		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	121.83	3205.11	MSPGCL Total	133.04	3594.56
			MSPGCL Thml+Gas	123.90	3276.95	Koyna 1,2 & 4 Total	4.05	114.49
			MSPGCL Hydro	9.14	317.62	State Total	300.22	8186.93

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 28/Sep/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	5046	167	89	5302	519	4664	0	0	6452	6663	-1121	15668	0	15668	2201	359	18228	49.94
2	4844	229	88	5161	473	4657	0	0	6457	6406	-1028	15346	0	15346	2037	323	17706	49.97
3	4894	199	89	5182	470	4621	0	0	6387	6477	-851	15599	0	15599	1936	300	17835	50.01
4	5015	154	88	5257	422	4661	0	0	6713	6694	-826	15914	0	15914	1855	294	18063	50.04
5	5110	154	89	5353	366	4877	0	0	6686	6623	-821	16090	0	16090	1845	308	18243	49.99
6	5216	153	89	5458	363	5379	0	0	7123	7195	-839	17208	0	17208	1979	348	19535	50.02
7	5222	863	89	6174	299	5548	0	44	7469	7453	-960	18169	0	18169	2156	389	20714	49.99
8	5134	361	89	5584	165	5385	0	283	8711	9183	-1293	18913	0	18913	2368	394	21675	50.02
9	5237	482	86	5805	113	5049	0	669	8870	8846	-1653	18415	0	18415	2702	414	21531	50.01
10	5168	356	85	5609	112	4978	0	970	9026	8632	-1766	18119	0	18119	3008	416	21543	49.95
11	4779	395	86	5260	92	4621	0	1256	9425	9041	-1889	17958	0	17958	3200	423	21581	49.95
12	4997	337	85	5419	109	4636	0	1310	8775	9005	-1929	18125	0	18125	3233	425	21783	50.00
13	4980	256	83	5319	162	4638	0	1349	8557	8279	-1851	17489	0	17489	3124	407	21020	49.98
14	4641	213	83	4937	229	4576	0	1171	8542	8536	-1984	17050	0	17050	2985	415	20450	49.99
15	4709	331	83	5123	346	4610	0	1024	8685	8842	-2089	17452	0	17452	3024	404	20880	49.98
16	4998	211	86	5295	401	4638	0	715	8943	8615	-2076	17182	0	17182	3058	406	20646	50.02
17	5097	215	84	5396	585	4705	0	388	8733	8279	-1907	17040	0	17040	3057	406	20503	50.04
18	5304	245	84	5633	732	5102	0	111	7943	7512	-1742	16923	0	16923	3022	425	20370	50.03
19	5315	1200	84	6599	718	5898	0	1	6898	6719	-1545	17961	0	17961	3121	429	21511	50.02
20	5364	1264	84	6712	622	5904	0	0	6908	7230	-1411	18638	0	18638	3080	419	22137	50.03
21	5253	505	86	5844	456	5373	0	0	7227	7397	-1435	17218	0	17218	2920	417	20555	50.05
22	5222	514	86	5822	503	5176	0	0	6920	7168	-1335	16921	0	16921	2747	413	20081	50.01
23	5115	179	87	5381	482	5241	0	0	6821	6661	-1292	16092	0	16092	2621	381	19094	50.01
24	5168	159	86	5413	462	4860	0	0	6669	6661	-1272	15749	0	15749	2526	375	18650	50.00
MUs	121.83	9.14	2.07	133.04	9.20	119.80	0.00	9.29	184.94	184.12	-34.91	411.24	0.00	411.24	63.80	9.29	484.33	50.00

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/Sep/2022

Position as on 6.30 Hrs of 29/Sep/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	29/09/2022
MSPGCL	Chandrapur Unit 8	500	06/09/2022	00:52		Continued.	COH	05/10/2022
MSPGCL	Koradi Unit 6	210	14/09/2022	14:35		Continued.	Tripped on Furnace Pressure High(converted to Overhaul)	03/10/2022
MSPGCL	Paras Unit 4	250	21/09/2022	00:08		Continued.	Annual Overhaul	16/10/2022
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	30/09/2022
MSPGCL	Uran Unit B0	120	27/08/2022	15:26		Continued.	Gas shortage	
IPP	SWPGPL U-3	135	28/08/2022	19:04		Continued.	Boiler SSC chain broken problem.	30/09/2022
MSPGCL	Uran Unit 8	108	01/09/2022	00:00		Continued.	Gas shortage	
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	
MSPGCL	Nasik Unit 3	210	17/09/2022	23:59	29/09/2022	07:20	wet coal	
IPP	RPL(AMT) U-2	270	18/09/2022	13:44		Continued.	Bottom Ash Evacuation problem.	29/09/2022
MSPGCL	Bhusawal Unit 3	210	26/09/2022	16:08		Continued.	Boiler Tube Leakage	30/09/2022
MSPGCL	Uran Unit 5	108	27/09/2022	17:11		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 5	500	27/09/2022	17:30	28/09/2022	07:56	Air heater problem	
MSPGCL	Chandrapur Unit 7	500	28/09/2022	13:40		Continued.	SUPERHEATER (PRESSURE PARTS) SPRAY VALVE HEAVY LEAKAGE	29/09/2022

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

Statement-VII

Position as on 6.30 Hrs of 29/Sep/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 (413) OF KARJAT CKT - 1 @ LONIKAND 2	IntraState	28/09/2022	09:19	28/09/2022	12:30	PO	To carry out Diagnostic testing and maintenance work.
400 KV LINE Outages/Trippings							
PARLI(MS) - PARLI (PG) CKT -1	InterState	28/09/2022	11:36	29/09/2022	01:11	PO	AMP of line terminal equipment at Parli SS. Dia to be kept open for relay testing at Parli SS. A/R of 400kv Parli-Parli M-2 to be in non Auto.
AURANGABAD(MS) - PUNE (GIS) CKT - 1	IntraState	27/09/2022	10:25			HT	for load management
CHANDRAPUR 2- KUMBHARGAON (NANDED) CKT - 1	IntraState	28/09/2022	05:44	28/09/2022	06:54	T	TRIPPED ON DISTANCE PROTECTION
CHANDRAPUR 2- KUMBHARGAON (NANDED) CKT - 1	IntraState	28/09/2022	06:56	28/09/2022	11:01	HT	H/T DUE TO HEAVY SPARKING OBSERVED AT CHANDRAPUR-2 END
NEW KOYNA-KARAD CKT - 2	IntraState	28/09/2022	09:19	28/09/2022	18:29	PO	Diagnostic testing & Relay testing work
400 KV ICT Outages/Trippings							
STATION TRANSFORMER - 8A @ CHANDRAPUR SWITCHING SS	IntraState	26/09/2022	11:32				Oil filtration, Oil leakage attending, Electrical Testing and painting of Station Transformer -8A Station Transformer -8A Bus duct servicing, maintenance and below replacement
400/220/33 KV 500MVA ICT - 2 @ KHAPARKHEDA	IntraState	28/09/2022	11:02	28/09/2022	18:17	PO	Post Monsoon Maintenance Work
220 KV TBC Outages/Trippings							
TBC @ CHAKAN	IntraState	28/09/2022	11:30	28/09/2022	14:11	PO	CB AND CT TESTING
220 KV MAINBAY Outages/Trippings							
BUS COUPLER @ SOUTH SOLAPUR	IntraState	28/09/2022	11:33	28/09/2022	13:35	PO	Outage is required for Quarterly Maintenance
220 KV LINE Outages/Trippings							
JEUR - SOLAPUR PG	InterState	28/09/2022	12:17	28/09/2022	17:05	PO	Outage is required for Quarterly Maintenance
EKLAHARE (OCR) - PADGHE	IntraState	26/09/2022	07:44			HT	for load management on Nashik BBLR
AAREY - AEML BORIVALI	IntraState	28/09/2022	09:26	28/09/2022	19:23	PO	Under MMRC Line Diversion scheme for Metro-3 project Tightening of loose jumper connection observed during routine inspection.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	28/09/2022	10:11	28/09/2022	10:36	HT	H/T for load management
CHINCHWAD- PARVATI	IntraState	28/09/2022	11:01	28/09/2022	12:45	PO	R' phase Flashover insulator string replacement work at location no-30
ONGC URAN - JNPT	IntraState	28/09/2022	11:20	28/09/2022	15:17	EO	Attending of red hot spot at Loc No. 21 (Middle phase)
BOMBAY DYEING - SAHARA	IntraState	28/09/2022	12:30	28/09/2022	18:04	PO	Removing of rusted earthwire from Loc No. 141 to 149.
EKLAHARE (GCR) - AIROLI KNOW PARK	IntraState	28/09/2022	14:58	28/09/2022	18:44	HT	H/T for load management
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.
220/132KV 100MVA PTR 1 @ KHAREPATAN	IntraState	22/09/2022	16:35			T	ICT bursted

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

Statement-VII

Position as on 6.30 Hrs of 29/Sep/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
220/33 KV 50MVA PTR 2 @ JEJURI	IntraState	27/09/2022	12:46	28/09/2022	00:12	PO	HV SIDE BUS ISOLATOR REPLACEMENT WORK.
220/100 KV 100 MVA ICT 1 @ TAMBATI	IntraState	28/09/2022	09:51	28/09/2022	15:31	PO	attending Red hot spot and faulty Jumper replacement work
220/110 KV 200 MVA ICT 3 @ MUDSHINGI	IntraState	28/09/2022	10:17	28/09/2022	17:55	PO	HV breaker overhauling in presence of M/S Siemens Engineer & Quarterly Maintenance work
220/132KV 100MVA ICT-1 @ WALCHANDNAGAR	IntraState	28/09/2022	10:48	28/09/2022	16:20	PO	CTR fire fighting system overhauling
220/22KV 50MVA PTR - 2 @ PALAVA	IntraState	28/09/2022	11:25	28/09/2022	16:46	PO	Relay Testing work. Routine maintenance work.
220/132KV 200MVA ICT 2 @ PANDHARPUR	IntraState	28/09/2022	15:12	29/09/2022	00:40	PO	Outage is required for HV SIDE 220KV CB OVERHAULLING WORK
220/100 KV 100 MVA ICT 2 @ TAMBATI	IntraState	28/09/2022	15:31	28/09/2022	17:51	PO	Hot spot attending work
220/22 KV 50 MVA PTR 1 @ VASAI	IntraState	28/09/2022	21:00	29/09/2022	04:46	T	Tripped on differential protection since LV CB (GIS) blast
220/22 KV 50 MVA PTR 2 @ VASAI	IntraState	28/09/2022	22:20	29/09/2022	04:45	HT	to convert Outgoing 6 & 7 panel as Incomer-1 & 2 panel respectively.
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.
TATA BORIVLI MSETCL BORIVLI 1	IntraState	28/09/2022	10:06	28/09/2022	16:40	PO	Tree trimming work
KALWA KALYAN	IntraState	28/09/2022	10:27	28/09/2022	17:13	PO	REPLACEMENT OF O/H VERTICAL JUMPER AT KALYAN END

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