

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Sep/2021 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	102.654	3058.997	1) Gujrat	-5.768	-269.693
2) Hydro	18.948	500.519	2) Madhya Pradesh	8.220	209.544
3) Gas	3.621	182.647	3) Chattisgarh	5.970	145.330
Total MSPGCL	125.223	3742.163	4) Maharashtra	142.662	4247.563
B) 1) APLM	45.445	1414.217	5) Goa (Amona)	-1.199	-31.536
2) JSWEL	15.066	388.218	Total	149.885	4301.208
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.420	723.266
4) RPL(AMT)	11.703	636.874	b) Mumbai Drawl	26.516	691.224
5) SWPGPL	5.785	157.997	c) MSEDCL Bilateral *	36.724	1269.968
6) Other IPP	4.975	159.653	Include PX	8.842	432.613
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.420	723.266
C) 1) TPCL Thermal	15.002	400.510	Include PX	7.134	246.056
2) TPCL Hydro	4.306	112.636	Standby	0.000	0.000
3) TPCL Gas	2.850	79.755	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.543	317.737	1) MSEDCL	367.136	11054.188
D) STATE			2) Mumbai Discoms	57.217	1601.861
1) Thermal	209.173	6534.203	TOTAL STATE	424.353	12656.049
(A1+C1+C4+(B1-B6))					
2) Hydro	23.254	613.155			
(A2+C2)					
3) Gas	6.471	262.402			
(A3+B7+C3)					
4) Wind	29.134	782.172			
6) SOLAR	6.436	162.910			
TOTAL STATE	274.468	8354.842			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 9 Hrs	B. Day Peak at 18 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4363	4744	4960	3568
MSPGCL Hydro	517	1462	2030	392
MSPGCL Gas	115	218	229	127
MSPGCL Total Generation	4995	6424	7219	4087
Central Sector Receipt	7700	6330	6232	5074
WIND	1538	705	833	1602
CPP / IPP Thermal	3442	3646	3818	3518
CPP / IPP Gas	0	0	0	0
SOLAR	418	88	0	0
Exchange with Mumbai	-1205	-1097	-845	-978
MSEDCL DEMAND MET	16888	16096	17257	13303
Load Shedding	0	0	0	0
MSEDCL DEMAND	16888	16096	17257	13303
TPCL GENERATION	870	1207	1343	506
AEML GENERATION	335	379	502	284
MUMBAI DEMAND	2410	2683	2690	1768
STATE DEMAND MET	19298	18779	19947	15071
STATE DEMAND	19298	18779	19947	15071
Frequency (Hz)	50.05	50.01	50.03	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.04 Hrs	49.82 Hz at 13.20 Hrs	50.01	0 % of Time(min)

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

Shift Engineer

Shift Incharge

Daily and Progressive Generation,Maximum,Minimum for 29/Sep/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.44	64.47	180	110
Unit 7	0.00	0.00	0	0
Unit 8	11.32	235.55	564	393
Unit 9	10.49	153.47	553	302
Unit 10	0.00	246.63	0	0
Total	25.25	700.12		
Bhusawal				
Unit 3	0.00	17.05	0	0
Unit 4	7.50	245.34	355	280
Unit 5	7.44	186.79	355	280
Total	14.94	449.19		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	4.39	105.10	234	166
Unit 8	0.00	120.19	0	0
Total	4.39	225.30		
Chandrapur				
Unit 3	0.00	11.53	0	0
Unit 4	0.00	25.91	0	0
Unit 5	4.94	175.69	234	165
Unit 6	5.38	125.34	255	200
Unit 7	5.15	193.72	295	0
Unit 8	6.67	241.03	360	0
Unit 9	8.05	174.52	435	269
Total	30.19	947.73		
Paras				
Unit 3	3.99	41.38	183	142
Unit 4	0.00	100.09	0	0
Total	3.99	141.48		
Khaparkheda				
Unit 1	2.68	37.79	125	100
Unit 2	2.94	49.54	135	110
Unit 3	3.10	94.48	150	120
Unit 4	3.34	94.42	173	130
Unit 5	8.76	202.56	435	0
Total	20.82	478.79		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.06	76.73	141	109
Unit 5	0.00	39.67	0	0
Total	3.06	116.40		
Uran				
All Units	3.62	182.65	238	115
Total	3.62	182.65		
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)	0.00	7.85	0	0
Total	0.00	7.85		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.18	100.45	500	40
Stage 4	4.97	131.67	958	0
Stage 3	1.76	59.21	320	0
Total	10.91	291.33		
Hydro				
KDPH	0.00	4.44	0	0
VTRNA	0.46	8.61	60	0
TILLARI	0.00	7.03	0	0
BHIRA T.R.	0.41	11.05	40	0
SMLHY_PTN	6.88	160.92	298	276
GHATGHAR	0.28	17.15	100	0
Total	8.04	209.19		
Wind				
Total	29.13	782.17	0	0
Total	29.13	782.17		
CPP				
APML(Mus)	45.44	1414.22	0	0
JSWEL(Mus)	15.07	388.22	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	11.70	636.87	0	0
SWPGPL-Mus	5.78	158.00	0	0
Other(Mus)	4.98	159.65	0	0
Total	82.97	2756.96		
SOLAR				
Total	6.44	162.91	0	0
Total	6.44	162.91		
Tata				
Trombay 5	10.16	262.95	484	278
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.68	48.80	114	48
Trombay 7B	1.17	30.95	67	40
Trombay 8	4.84	137.56	227	136
TATA Hydro	4.31	112.64	456	0
Total	22.16	592.90		
AEMIL				
DTPS U-1&2	8.54	317.74	502	283
Total	8.54	317.74		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	102.65	3059.00	MSPGCL Total	125.22	3742.16
			MSPGCL Thml+Gas	106.28	3241.64	Koyna 1,2 & 4 Total	9.15	232.12
			MSPGCL Hydro	18.95	500.52	State Total	274.47	8354.84

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Sep/2021

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDI NG	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	3449	335	118	3902	1688	3950	0	0	5494	5397	-1029	13908	0	13908	2018	15926	50.02
2	3396	539	118	4053	1609	3546	0	0	5190	5102	-1031	13280	0	13280	1860	15140	49.99
3	3568	392	127	4087	1602	3518	0	0	5127	5074	-978	13303	0	13303	1768	15071	49.98
4	3786	328	116	4230	1872	3540	0	0	5167	4857	-933	13566	0	13566	1724	15290	50.00
5	3949	325	116	4390	1813	3465	0	0	5269	4971	-927	13712	0	13712	1716	15428	50.01
6	4067	323	116	4506	1731	3448	0	0	5861	5794	-933	14546	0	14546	1803	16349	49.96
7	4106	508	116	4730	1600	3448	0	36	6639	6390	-855	15349	0	15349	1957	17306	50.01
8	4165	798	126	5089	1508	3466	0	205	7268	7262	-959	16571	0	16571	2124	18695	50.02
9	4363	517	115	4995	1538	3442	0	418	7827	7700	-1205	16888	0	16888	2410	19298	50.05
10	4419	375	115	4909	1638	3406	0	705	7683	7214	-1426	16446	0	16446	2703	19149	50.05
11	4351	361	116	4828	1498	3072	0	864	7382	7319	-1542	16039	0	16039	2872	18911	50.03
12	4339	592	126	5057	1306	2944	0	799	7038	7136	-1588	15654	0	15654	2941	18596	50.01
13	4168	486	115	4769	903	2902	0	849	7001	6793	-1527	14688	0	14688	2857	17546	49.96
14	4205	665	116	4986	872	2950	0	813	6871	6820	-1446	14995	0	14995	2711	17706	49.95
15	4424	403	125	4952	1046	3092	0	758	6799	6694	-1463	15079	0	15079	2744	17823	50.02
16	4573	466	115	5154	915	3344	0	527	6541	6935	-1469	15406	0	15406	2722	18128	50.02
17	4696	577	131	5404	783	3424	0	369	6696	6758	-1252	15486	0	15486	2712	18198	50.01
18	4744	1462	218	6424	705	3646	0	88	6263	6330	-1097	16096	0	16096	2683	18779	50.01
19	4900	1996	238	7134	752	3757	0	5	6489	6252	-902	16998	0	16998	2711	19709	50.02
20	4960	2030	229	7219	833	3818	0	0	6337	6232	-845	17257	0	17257	2690	19947	50.03
21	4770	1653	220	6643	751	3776	0	0	5871	5888	-792	16266	0	16266	2572	18838	50.01
22	4540	1959	229	6728	729	3672	0	0	5400	5443	-741	15831	0	15831	2435	18266	50.00
23	4374	1239	230	5843	712	3666	0	0	5904	5760	-786	15195	0	15195	2287	17482	49.98
24	4342	619	230	5191	730	3681	0	0	6064	5764	-790	14576	0	14576	2197	16773	50.02
MUs	102.65	18.95	3.62	125.22	29.13	82.97	0.00	6.44	152.18	149.88	-26.52	367.14	0.00	367.14	57.22	424.35	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/Sep/2021

Position as on 6.30 Hrs of 30/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Chandrapur Unit 3	210	04/09/2021	23.58		Continued.	Annual Overhaul	
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)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
IPP	SWPGPL U-4	135	05/08/2021	03.04		Continued.	Turbine Vibration High.	
MSPGCL	Parli Unit 6	250	26/08/2021	21.06		Continued.	Coal Shortage (Converted to AOH 00.00Hrs from Dt.01/09/2021)	
MSPGCL	Nasik Unit 3	210	30/08/2021	22.51		Continued.	Against case 4.which was outage on Loss of Fuel(From 19.44Hrs DT.26-08-2021	
IPP	JSW (J) U1	300	02/09/2021	08.41		Continued.	Turbine vibrations high.	
MSPGCL	Uran Unit A0	120	10/09/2021	01.54		Continued.	Turbine bearing Vabration high	
MSPGCL	Chandrapur Unit 4	210	15/09/2021	23.54		Continued.	Poor coal receipt	
MSPGCL	Bhusawal Unit 3	210	18/09/2021	03.30		Continued.	Coal Shortage	
IPP	Adani U-5	660	19/09/2021	03.47		Continued.	Abnormal Sound in Turbine governing system.	
MSPGCL	Nasik Unit 5	210	19/09/2021	20.50		Continued.	Coal Shortage.	
IPP	RPL(AMT) U-3	270	22/09/2021	03.54	30/09/2021	12.20	Coal Shortage	
IPP	RPL(AMT) U-5	270	23/09/2021	00.44		Continued.	Bottom Ash Prob.(conv. to coal shortage 18.00hrs,28.09.2021)	
MSPGCL	Paras Unit 4	250	26/09/2021	07.47		Continued.	Coal Shortage	
MSPGCL	Uran Unit 5	108	26/09/2021	20.23	30/09/2021	17.53	Gas shortage.	
MSPGCL	Chandrapur Unit 7	500	27/09/2021	20.31	29/09/2021	04.11	Feed Station Valve Leakage	
MSPGCL	Parli Unit 8	250	28/09/2021	20.04	30/09/2021	01.57	UAT Problem.	
MSPGCL	Khaparkheda Unit 5	500	28/09/2021	21.32	29/09/2021	02.18	Generator Protection operated	
MSPGCL	Uran Unit 6	108	28/09/2021	22.02	29/09/2021	16.45	Gas shortage	
MSPGCL	Koradi Unit 10	660	28/09/2021	22.46		Continued.	Poor coal receipt	
IPP	RPL(AMT) U-2	270	29/09/2021	01.15		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit-8	500	29/09/2021	21.59	30/09/2021	21.26	Superheated spray line leakage.	
MSPGCL	Chandrapur Unit 5	500	30/09/2021	03.41	30/09/2021	06.50	Drum level high.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Sep/2021

Position as on 6.30 Hrs of 30/Sep/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 5	108	30/09/2021	20.11		Continued.	Gas shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 30/Sep/2021

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							
Karad Solapur (PG)	InterState	03/05/2017	11:49		Continued.	PO	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Akola Wardha I	InterState	29/09/2021	04.59	30/09/2021	07.43	T	Distance Protection
Koradi 2-IEPL	IntraState	26/09/2021	07.00		Continued.	PO	For for height raising work across.
koaradi II - Wardha(PG)	IntraState	26/09/2021	07.29		Continued.	PO	For for height raising work across Samruddhi highway at chainage No.23+650 (tower no 192 & 193)
Khadka-Aurangabad (Waluj)	IntraState	28/09/2021	20.36		Continued.	HT	Over Voltage
Warora -IEPL	IntraState	29/09/2021	07.13	29/09/2021	08.40	T	Distance Protection
Kala Kudus Ckt-I	IntraState	29/09/2021	11.35	29/09/2021	16.14	EO	Attending Hot Spot
Jejuri- Koynastage-IV	IntraState	30/09/2021	12.23	30/09/2021	17.17	PO	Insulator String replacement
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	07/09/2021	20.23		Continued.	T	Differential protection.
400/220/33kv, 500 MVA ICT-I @Khaparkheda	IntraState	29/09/2021	10.59	29/09/2021	19.28	PO	Diagnostic testing of bushing & other routine main. of CT's, CB's isolators.
400/220/33 Kv 315 Mva Ict 2 @Parali (Girwali)	IntraState	30/09/2021	10.01	30/09/2021	21.27	PO	Bay maintenance work
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
Tata Borivli MSETCL Borivli 4	IntraState	26/09/2021	20.49		Continued.	PO	for shifting to Spare bay in GIS.
Bhugaon - Lloyed Steel	IntraState	28/09/2021	10.36	29/09/2021	06.56	PO	Metering CT,PT installation and Tan Delta Measurement
Kharghar-Sonkhar	IntraState	29/09/2021	07.06	29/09/2021	08.50	EO	Attending Hot Spot
Dhamangaon New - Badnera	IntraState	29/09/2021	09.00	30/09/2021	00.18	PO	Replacement of Aux. Isolator of 220KV Dhamangaon Bay
Badnera Tss-Ii	IntraState	29/09/2021	09.40	30/09/2021	16.25	PO	Replacement of Aux. Isolator of 220KV Dhamangaon Bay
Trombay Dharavi 5	IntraState	29/09/2021	10.46	29/09/2021	16.08	PO	Conductor inspection by using line vue in mahal creek.
Kandalgaon - Sona Alloys	IntraState	29/09/2021	10.54	29/09/2021	18.40	PO	Insulator string replacement work.
Pandharpur - Malinagar	IntraState	29/09/2021	11.00	29/09/2021	16.41	PO	Quarterly Maintenance Work
Lamboti - Pandharpur Ii	IntraState	29/09/2021	11.02	29/09/2021	15.57	PO	Quarterly Maintenance Work
Nanded - Parli Ext. Ckt II	IntraState	29/09/2021	12.29	29/09/2021	18.53	PO	Relay testing work
Dondaicha- Shahada	IntraState	29/09/2021	13.25	30/09/2021	02.10	T	Distance Protection
Nanded-Parbhani	IntraState	29/09/2021	13.35	29/09/2021	13.51	T	Bus Bar Protection Operated
Nanded-Ghatodi	IntraState	29/09/2021	13.35	29/09/2021	13.56	T	Bus Bar Protection Operated
satara MIDC- Malharpeth	IntraState	29/09/2021	20.54	30/09/2021	11.21	T	Distance Protection
Trombay Salsette 1 Backbay	IntraState	29/09/2021	23.25	30/09/2021	05.38	PO	Metro-4 work in vicinity.
Hinganghat - Hinganghat Rly TSS-2	IntraState	30/09/2021	00.30	30/09/2021	13.16	T	Distance Protection
Pedambe-Pophali	IntraState	30/09/2021	08.35	30/09/2021	16.15	PO	Line Maintenance work
WALCHANDNAGAR - PHALTAN MIDC	IntraState	30/09/2021	09.10	30/09/2021	15.45	PO	Quarterly Maintenance Work
Trombay - Kalwa	IntraState	30/09/2021	09.11	30/09/2021	12.11	PO	CB Mechanism overhauling work
Mumewadi -Halkarni ckt-I	IntraState	30/09/2021	10.05	30/09/2021	14.11	PO	Replacement of Cross arm
VILEBHAGAD KANDALGAON	IntraState	30/09/2021	10.14	30/09/2021	18.15	PO	Jumper Nut Bolt Tightening work
Karad(400kv) - Wathar	IntraState	30/09/2021	10.26	30/09/2021	14.10	PO	Quarterly Maintenance Work
BHALVANI VARKUTI MALWADI	IntraState	30/09/2021	10.30	30/09/2021	16.33	PO	Conversion of SSN to DSN

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Sep/2021

Statement-VII

Position as on 6.30 Hrs of 30/Sep/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded-Parbhani	IntraState	30/09/2021	10.53	30/09/2021	14.27	PO	Tree Cutting
Kandalgaon - Bhira	IntraState	30/09/2021	11.23	30/09/2021	13.45	T	Distance Protection
Dhule - Dondaicha Ckt	IntraState	30/09/2021	11.34	30/09/2021	15.46	EO	To attend Hot Spot
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	30/09/2021	12.11	30/09/2021	13.11	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	29/09/2021	09.27	29/09/2021	17.36	PO	Replacement of HV R-ph bushing due to oil leakage from tan delta point.
220/132 kV 200 MVA ICT-III @ Nanded	IntraState	29/09/2021	13.35	29/09/2021	13.52	T	Bus Bar Protection Operated
220/132 kV 200 MVA ICT- I @ Nanded	IntraState	29/09/2021	13.35	29/09/2021	13.52	T	Bus Bar Protection Operated
220/132 Kv 200 Mva Bbl lct 2 @Waghala Nanded	IntraState	29/09/2021	13.35	29/09/2021	13.47	T	Bus Bar Protection Operated
220/132 KV ICT II @ Kopergaon	IntraState	30/09/2021	09.46	30/09/2021	11.43	PO	To attend Hot Spot

HT : Hand Tripping, MT : Multiple Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage, OO : Opportunity Outage