

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	135.187	4311.163	1) Gujrat	-2.732	6.340
2) Hydro	23.796	580.634	2) Madhya Pradesh	12.567	440.768
3) Gas	10.023	194.853	3) Chattisgarh	5.220	131.920
Total MSPGCL	169.006	5086.650	4) Maharashtra	138.763	4444.999
B) 1) APLM	73.529	1932.443	5) Goa (Amona)	-2.034	-42.491
2) JSWEL	13.635	370.590	Total	151.784	4981.536
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.753	692.111
4) RPL(AMT)	29.802	784.134	b) Mumbai Drawl	21.010	672.768
5) SWPGPL	5.897	235.354	c) MSEDCL Bilateral *	32.750	1386.088
6) Other IPP	18.602	594.453	Include PX	0.061	496.964
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.753	691.997
C) 1) TPCL Thermal	15.625	438.594	Include PX	5.423	156.133
2) TPCL Hydro	5.968	106.741	Standby	0.000	0.114
3) TPCL Gas	4.377	93.865	H) ENERGY CATERED (MUs)		
4) AEML Thermal	11.064	328.308	1) MSEDCL	461.677	13925.126
D) STATE			2) Mumbai Discoms	58.044	1640.278
1) Thermal	303.341	8995.039	TOTAL STATE	519.721	15565.404
(A1+C1+C4+(B1-B6))					
2) Hydro	29.764	687.375			
(A2+C2)					
3) Gas	14.400	288.718			
(A3+B7+C3)					
4) Wind	13.993	384.697			
6) SOLAR	6.439	228.037			
TOTAL STATE	367.937	10583.866			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	5642	5343	5374	5952
MSPGCL Hydro	1518	1848	373	462
MSPGCL Gas	409	406	412	437
MSPGCL Total Generation	7569	7597	6159	6851
Central Sector Receipt	6970	7273	5711	5745
WIND	98	648	1038	558
CPP / IPP Thermal	5988	5850	5943	5904
CPP / IPP Gas	0	0	0	0
SOLAR	905	578	0	0
Exchange with Mumbai	-882	-841	-1185	-724
MSEDCL DEMAND MET	20648	21104	17666	18334
Load Shedding	0	0	0	0
MSEDCL DEMAND	20648	21104	17666	18334
TPCL GENERATION	1214	1299	991	885
AEML GENERATION	500	498	297	500
MUMBAI DEMAND	2596	2638	2473	2109
STATE DEMAND MET	23244	23742	20139	20443
STATE DEMAND	23244	23742	20139	20443
Frequency (Hz)	50.01	50.00	50.04	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.18 Hz at 17.01 Hrs	49.76 Hz at 14.40 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/Apr/2021

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	51.70	0	0
Unit 7	0.00	67.00	0	0
Unit 8	11.34	322.78	504	403
Unit 9	0.00	209.18	0	0
Unit 10	8.13	184.54	505	84
Total	19.47	835.20		
Bhusawal				
Unit 3	4.27	98.23	185	145
Unit 4	11.90	301.92	500	480
Unit 5	11.88	310.85	500	480
Total	28.06	711.00		
Parli				
Unit 6	5.11	146.29	225	191
Unit 7	5.02	150.10	223	191
Unit 8	4.60	138.32	200	178
Total	14.73	434.72		
Chandrapur				
Unit 3	3.61	69.55	154	144
Unit 4	0.00	0.00	0	0
Unit 5	0.00	270.04	0	0
Unit 6	9.78	230.73	420	385
Unit 7	0.00	0.00	0	0
Unit 8	11.27	290.33	490	460
Unit 9	10.13	312.28	444	409
Total	34.79	1172.92		
Paras				
Unit 3	1.80	155.29	195	0
Unit 4	6.01	159.25	254	240
Total	7.81	314.54		
Khaparkheda				
Unit 1	2.40	79.04	110	75
Unit 2	0.00	41.06	0	0
Unit 3	4.28	107.52	185	170
Unit 4	4.00	97.01	170	160
Unit 5	10.66	279.94	460	415
Total	21.32	604.57		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.55	116.89	200	147
Unit 5	4.46	121.32	197	137
Total	9.01	238.22		
Uran				
All Units	10.02	194.85	437	395
Total	10.02	194.85		
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)	0.18	2.53	23	0
Total	0.18	2.53		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.30	129.49	440	35
Stage 4	9.02	175.06	932	0
Stage 3	2.84	67.25	240	0
Total	16.16	371.79		
Hydro				
KDPH	0.82	24.71	34	34
VTRNA	0.87	27.00	59	0
TILLARI	0.58	12.72	58	0
BHIRA T.R.	0.36	5.40	80	0
SMLHY_PTN	4.75	135.64	219	182
GHATGHAR	0.26	3.37	207	0
Total	7.64	208.84		
Wind				
Total	13.99	384.70	0	0
Total	13.99	384.70		
CPP				
APML(Mus)	73.53	1932.44	0	0
JSWEL(Mus)	13.64	370.59	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	29.80	784.13	0	0
SWPGPL-Mus	5.90	235.35	0	0
Other(Mus)	18.60	594.45	0	0
Total	141.46	3916.97		
SOLAR				
Total	6.44	228.04	0	0
Total	6.44	228.04		
Tata				
Trombay 5	10.51	290.12	482	282
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	56.16	117	115
Trombay 7B	1.58	37.71	66	65
Trombay 8	5.11	148.47	232	137
TATA Hydro	5.97	106.74	441	52
Total	25.97	639.20		
AEML				
DTPS U-1&2	11.06	328.31	501	285
Total	11.06	328.31		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	135.19	4311.16	MSPGCL Total	169.01	5086.65
			MSPGCL Thml+Gas	145.21	4506.02	Koyna 1,2 & 4 Total	13.32	304.54
			MSPGCL Hydro	23.80	580.63	State Total	367.94	10583.87

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 29/Apr/2021

Annexure-2

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	5938	1204	425	7567	791	5648	0	0	6159	6211	-888	19329	0	19329	2501	21830	50.00
2	5929	758	424	7111	643	5688	0	0	6199	6129	-853	18718	0	18718	2357	21074	49.96
3	5937	666	416	7019	646	5825	0	0	5919	5735	-817	18408	0	18408	2212	20620	50.02
4	5952	462	437	6851	558	5904	0	0	5864	5745	-724	18334	0	18334	2109	20443	50.00
5	5945	684	427	7056	585	5957	0	0	5918	5901	-681	18818	0	18818	2068	20886	50.01
6	5957	977	426	7360	611	5977	0	0	6133	6414	-715	19647	0	19647	2106	21753	50.01
7	5916	1476	428	7820	525	5976	0	44	6503	6379	-661	20082	0	20082	2054	22136	50.03
8	5917	896	436	7249	317	5995	0	245	6485	6605	-697	19714	0	19714	2091	21805	50.03
9	5892	916	425	7233	172	6000	0	520	6433	6721	-842	19804	0	19804	2287	22091	50.02
10	5739	1247	412	7398	79	6022	0	776	6689	6883	-831	20326	0	20326	2478	22804	49.99
11	5642	1518	409	7569	98	5988	0	905	7004	6970	-882	20648	0	20648	2596	23244	50.01
12	5510	1521	396	7427	49	5944	0	1050	7160	7000	-901	20570	0	20570	2621	23190	50.01
13	5474	1442	395	7311	170	5926	0	873	7203	7011	-865	20426	0	20426	2621	23047	49.99
14	5461	1262	417	7140	396	5884	0	708	7254	7006	-834	20300	0	20300	2587	22886	50.00
15	5343	1848	406	7597	648	5850	0	578	7239	7273	-841	21104	0	21104	2638	23742	50.00
16	5490	1309	408	7207	888	5926	0	444	7187	6991	-882	20574	0	20574	2674	23248	49.96
17	5546	881	408	6835	575	5928	0	177	6598	6686	-799	19402	0	19402	2610	22012	50.03
18	5356	495	422	6273	773	5784	0	110	6130	6207	-897	18250	0	18250	2476	20726	50.05
19	5292	557	411	6260	832	5639	0	9	5344	5518	-993	17265	0	17265	2333	19598	50.09
20	5376	857	412	6645	838	5896	0	0	5452	5401	-1107	17673	0	17673	2412	20085	50.02
21	5396	537	424	6357	1200	5913	0	0	5434	5234	-1189	17515	0	17515	2460	19975	50.00
22	5374	373	412	6159	1038	5943	0	0	5687	5711	-1185	17666	0	17666	2473	20139	50.04
23	5425	702	423	6550	724	5928	0	0	6130	6227	-982	18446	0	18446	2575	21022	49.96
24	5380	1208	424	7012	837	5926	0	0	6116	5826	-944	18657	0	18657	2705	21362	49.94
MUs	135.19	23.80	10.02	169.01	13.99	141.46	0.00	6.44	152.24	151.78	-21.01	461.68	0.00	461.68	58.04	519.72	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/Apr/2021

Position as on 6.30 Hrs of 30/Apr/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 4	210	16/03/2021	08.08		Continued.	Boiler Tube Leakage(converted to Capital overhaul)	
MSPGCL	Koyna Unit 6	80	22/04/2021	12.00		Continued.	UGC Oil Cooler Leakage.(Converted to Capital Overhaul from 08.00Hrs DT.23-4-2021)	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
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)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Koyna Unit 11	80	19/01/2021	10.05		Continued.	Tripped on stator earth fault (will not be available till dt.12.05.21)	
IPP	JSW (J) U1	300	01/02/2021	18.00		Continued.	Due to turbine vibration high	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
IPP	JSW (J) U4	300	11/04/2021	03.02		Continued.	NO SCHEDULE.	
MSPGCL	Khaparkheda Unit 2	210	15/04/2021	16.54		Continued.	Critical coal stock position	
IPP	RPL(AMT) U-2	270	21/04/2021	01.00	29/04/2021	01.56	Due to coal issue.	
MSPGCL	Koradi Unit 9	660	24/04/2021	14.59		Continued.	Boiler Tube Leakage	
IPP	SWPGPL U-2	135	25/04/2021	23.51		Continued.	ID Fan Vibrations	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Zero Schedule.	
MSPGCL	Chandrapur Unit 5	500	28/04/2021	13.01		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 3	250	29/04/2021	08.57	29/04/2021	22.01	Clinker Formation	
MSPGCL	Chandrapur Unit-8	500	30/04/2021	14.47	30/04/2021	18.13	Low furnace pressure	

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

Statement-VII

Position as on 6.30 Hrs of 30/Apr/2021

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							
Ektuni - Akola II Ckt I	IntraState	30/04/2021	17.47	30/04/2021	18.56	EO	Removal of Irrigation pipe tangled to the cross Arm
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 li	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddi highway)
Akola Wardha I	InterState	21/04/2021	09.19		Continued.	PO	Line diversion works under consultancy due to upcoming Nagpur Mumbai super communication expressway (Samruddi highway).
Dhule Sar'Sarovar II	InterState	28/04/2021	17.53	29/04/2021	09.44	HT	Over Voltage
Akola Aurangabad(PG) I	InterState	29/04/2021	19.48	29/04/2021	21.13	T	89A isolator of khadka ckt opened
Akola Aurangabad(PG) II	InterState	29/04/2021	19.48	29/04/2021	21.15	T	89A isolator of khadka ckt opened
Dhule Sar'Sarovar I	InterState	29/04/2021	20.40	30/04/2021	07.53	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	30/04/2021	18.28		Continued.	HT	Over Voltage
Ektuni-Bableswhar ckt II	IntraState	28/04/2021	20.07	29/04/2021	00.11	T	Distance Protection
Girwali-Solapur (Lamboti)	IntraState	28/04/2021	23.33	29/04/2021	15.17	T	Distance Protection
Jaigad-Karad Ckt-II	IntraState	29/04/2021	09.20	29/04/2021	16.44	PO	For additional earthing
Girwali-Solapur (Lamboti)	IntraState	29/04/2021	15.17	29/04/2021	17.44	PO	Sparking at solapur end.
Akola II - Akola I Ckt-I	IntraState	29/04/2021	19.48	29/04/2021	20.33	T	89A isolator of khadka ckt opened
Akola II - RPL(Rattanindia) Ckt I	IntraState	29/04/2021	19.48	29/04/2021	21.05	T	89A isolator of khadka ckt opened
Main Bus I @ Akola	IntraState	29/04/2021	19.48	29/04/2021	20.33	T	89A isolator of khadka ckt opened
Akola - Bhusawal	IntraState	29/04/2021	19.48	29/04/2021	21.47	T	89A isolator of khadka ckt opened
Akola II - Akola I Ckt-II	IntraState	29/04/2021	19.48	29/04/2021	21.00	T	89A isolator of khadka ckt opened
Jaigad-Karad Ckt-II	IntraState	30/04/2021	09.09	30/04/2021	16.35	PO	Additional Earthing
Alkud-Kolhapur(Talandage)	IntraState	30/04/2021	12.48	30/04/2021	14.23	PO	To replace A bus B Phase Isolator hanger of 400KV Alkud Bay
karad -kolhapur-I	IntraState	30/04/2021	16.06	30/04/2021	20.32	PO	Damaged B phase string replacement work
Girwali-Solapur (Lamboti)	IntraState	30/04/2021	16.20		Continued.	EO	To attend Flashover
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.
400/220 Kv 500 Mva ICT- I @Jejuri	IntraState	29/04/2021	10.50	29/04/2021	13.13	PO	Diagnostic testing and Maintenance work of 220kv side own CB.
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	30/04/2021	06.14	30/04/2021	15.51	T	Differential protection
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)
Chalisingaon -Babhaleshwar	IntraState	24/04/2021	09.52		Continued.	PO	For Shifting/Erection Work of monopole Tower Work For samruddhi express Highway work 4 nos of monopole erection & 2nos of tower erection work. Dismantling of 2nos of tower loc no.220-223.
Chikhli-Jalna-I	IntraState	26/04/2021	12.14		Continued.	PO	Tower height raising of 220KV Jalna Chikhali line for Mumbai

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/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 30/Apr/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Chikhli-Jalna-II	IntraState	26/04/2021	12.16		Continued.	PO	Nagpur samruddhi highway crossing. Tower height raising of 220KV Jalna Chikhali line for Mumbai Nagpur samruddhi highway crossing.
Deoli(Pgcil)-Badnera	IntraState	29/04/2021	07.02		Continued.	PO	Line Maintenance work
Ranjangaon-Lonikand	IntraState	29/04/2021	10.53	29/04/2021	18.45	PO	Replacement of 220kv Higher tan delta CT(03no.s)
Sonkhar - Trombay	IntraState	29/04/2021	11.07	29/04/2021	20.38	PO	OPGW stringing from loc no.720 to 733.
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	29/04/2021	12.12	30/04/2021	12.45	PO	Project Work
Padghe-Kamba II	IntraState	29/04/2021	13.20	29/04/2021	19.52	PO	For replacement of aluminium cable by CU cable and check current in CT spare core for bus bar protection
Parli New Tps - Beed Ckt 2	IntraState	29/04/2021	13.45	29/04/2021	21.11	T	Distance Protection
Theur-Jejuri	IntraState	29/04/2021	18.05	30/04/2021	00.35	T	Distance Protection
Bableshwar -Ahamadnagar-I	IntraState	30/04/2021	09.40	30/04/2021	13.57	PO	Replacement of Faulty string
Dahanu Ghodbunder Line 1	IntraState	30/04/2021	09.42	30/04/2021	20.50	PO	Shifting of LS line from its existing position
JATH SHEDYAL	IntraState	30/04/2021	10.24	30/04/2021	13.45	EO	To attend Hot Spot
Parly-Parly Extn-I	IntraState	30/04/2021	12.38	30/04/2021	15.57	EO	To attend Hot Spot
Karad -Mudshingi Ckt- IV	IntraState	30/04/2021	13.21	30/04/2021	17.42	PO	Quarterly Maintenance Work
Hingoli- Girawali	IntraState	30/04/2021	16.30	30/04/2021	17.10	T	Tripped from Girwali end only
Malegaon-Sayne	IntraState	30/04/2021	18.24	30/04/2021	19.26	T	Distance Protection
Dhule - Malegaon	IntraState	30/04/2021	18.24	30/04/2021	19.34	T	Distance Protection
Bableshwar- Bableshwar-II	IntraState	30/04/2021	18.25	30/04/2021	19.35	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/132 kV 200MVA ICT II @ Girwali	IntraState	29/04/2021	10.15	29/04/2021	14.48	EO	Attending Hot Spot

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