

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Apr/2021 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	133.447	4444.610	1) Gujrat	-2.444	3.896
2) Hydro	20.242	600.876	2) Madhya Pradesh	11.546	452.314
3) Gas	10.047	204.900	3) Chattisgarh	5.250	137.170
Total MSPGCL	163.736	5250.386	4) Maharashtra	142.161	4587.160
B) 1) APML	72.864	2005.307	5) Goa (Amona)	-1.831	-44.322
2) JSWEL	13.649	384.239	Total	154.682	5136.218
3) VIPL	0.000	0.000	a) Mumbai Schedule	23.462	715.573
4) RPL(AMT)	31.125	815.259	b) Mumbai Drawl	22.065	694.833
5) SWPGPL	5.784	241.138	c) MSEDCL Bilateral *	37.272	1423.360
6) Other IPP	16.437	610.890	Include PX	6.285	503.250
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	23.462	715.459
C) 1) TPCL Thermal	15.264	453.858	Include PX	5.535	161.667
2) TPCL Hydro	5.663	112.404	Standby	0.000	0.114
3) TPCL Gas	4.375	98.240	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.730	339.038	1) MSEDCL	457.178	14382.304
D) STATE			2) Mumbai Discoms	58.097	1698.375
1) Thermal	299.300	9294.339	TOTAL STATE	515.275	16080.679
(A1+C1+C4+(B1-B6))					
2) Hydro	25.905	713.280			
(A2+C2)					
3) Gas	14.422	303.140			
(A3+B7+C3)					
4) Wind	13.055	397.752			
6) SOLAR	7.911	235.948			
TOTAL STATE	360.593	10944.459			

* 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 16 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	5818	5453	5716	5650
MSPGCL Hydro	674	1936	426	388
MSPGCL Gas	409	398	413	423
MSPGCL Total Generation	6900	7788	6554	6462
Central Sector Receipt	7505	7396	5774	5841
WIND	159	125	1127	840
CPP / IPP Thermal	5876	5847	5192	5914
CPP / IPP Gas	0	0	0	0
SOLAR	1059	676	0	0
Exchange with Mumbai	-958	-926	-1224	-1282
MSEDCL DEMAND MET	20542	20906	17424	17774
Load Shedding	0	0	0	0
MSEDCL DEMAND	20542	20906	17424	17774
TPCL GENERATION	1236	1258	941	1000
AEML GENERATION	502	500	285	285
MUMBAI DEMAND	2696	2684	2450	2567
STATE DEMAND MET	23238	23590	19874	20342
STATE DEMAND	23238	23590	19874	20342
Frequency (Hz)	50.01	49.98	50.03	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 06.02 Hrs	49.83 Hz at 19.14 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 30/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	12.53	335.31	586	475
Unit 9	0.00	209.18	0	0
Unit 10	5.96	190.49	421	85
Total	18.49	853.69		
Bhusawal				
Unit 3	3.88	102.10	185	130
Unit 4	11.22	313.14	500	420
Unit 5	11.61	322.46	500	450
Total	26.70	737.70		
Parli				
Unit 6	5.17	151.47	225	195
Unit 7	5.03	155.13	227	180
Unit 8	4.71	143.03	213	179
Total	14.91	449.62		
Chandrapur				
Unit 3	3.57	73.12	153	144
Unit 4	0.00	0.00	0	0
Unit 5	0.00	270.04	0	0
Unit 6	9.87	240.60	420	395
Unit 7	0.00	0.00	0	0
Unit 8	9.42	299.75	494	0
Unit 9	9.89	322.17	431	373
Total	32.75	1205.67		
Paras				
Unit 3	5.54	160.83	250	140
Unit 4	5.95	165.20	254	237
Total	11.49	326.02		
Khaparkheda				
Unit 1	2.38	81.42	125	85
Unit 2	0.00	41.06	0	0
Unit 3	3.98	111.50	175	160
Unit 4	3.94	100.94	175	160
Unit 5	10.34	290.28	460	400
Total	20.64	625.21		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.25	121.15	200	128
Unit 5	4.23	125.55	198	132
Total	8.48	246.70		
Uran				
All Units	10.05	204.90	446	398
Total	10.05	204.90		
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)	0.22	2.75	25	0
Total	0.22	2.75		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	3.38	132.87	425	35
Stage 4	6.63	181.69	1003	0
Stage 3	2.34	69.59	240	0
Total	12.36	384.15		
Hydro				
KDPH	0.80	25.51	34	34
VTRNA	0.73	27.72	60	0
TILLARI	0.46	13.18	58	0
BHIRA T.R.	0.36	5.76	80	0
SMLHY_PTN	4.96	140.60	222	184
GHATGHAR	0.57	3.94	250	0
Total	7.89	216.73		
Wind				
Total	13.06	397.75	0	0
Total	13.06	397.75		
CPP				
APML(Mus)	72.86	2005.31	0	0
JSWEL(Mus)	13.65	384.24	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.12	815.26	0	0
SWPGPL-Mus	5.78	241.14	0	0
Other(Mus)	16.44	610.89	0	0
Total	139.86	4056.83		
SOLAR				
Total	7.91	235.95	0	0
Total	7.91	235.95		
Tata				
Trombay 5	10.33	300.45	483	280
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	58.96	118	114
Trombay 7B	1.58	39.28	66	65
Trombay 8	4.94	153.40	233	136
TATA Hydro	5.66	112.40	401	0
Total	25.30	664.50		
AEMIL				
DTPS U-1&2	10.73	339.04	502	285
Total	10.73	339.04		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	133.45	4444.61	MSPGCL Total	163.74	5250.39
			MSPGCL Thml+Gas	143.49	4649.51	Koyna 1,2 & 4 Total	10.01	314.56
			MSPGCL Hydro	20.24	600.88	State Total	360.59	10944.46

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Apr/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	5439	1026	425	6890	986	5916	0	0	6160	5924	-910	18806	0	18806	2568	21374	49.99
2	5480	640	414	6534	841	5925	0	0	6206	6195	-826	18668	0	18668	2379	21048	50.01
3	5448	610	434	6492	855	5987	0	0	6009	6087	-845	18576	0	18576	2245	20822	50.02
4	5430	838	415	6682	713	5978	0	0	5878	5817	-747	18444	0	18444	2117	20560	49.99
5	5398	980	415	6794	667	5973	0	0	5872	5918	-676	18676	0	18676	2071	20746	50.00
6	5369	1408	446	7222	565	5975	0	0	6336	6611	-729	19644	0	19644	2121	21766	50.04
7	5453	1250	417	7120	389	5918	0	58	7075	7032	-665	19852	0	19852	2061	21914	50.05
8	5532	938	436	6906	278	5936	0	255	7203	7048	-692	19732	0	19732	2099	21830	50.01
9	5416	622	415	6452	204	5902	0	525	7180	7056	-818	19322	0	19322	2302	21624	50.01
10	5544	970	421	6934	214	5917	0	803	6873	6992	-879	19982	0	19982	2497	22478	50.00
11	5710	600	421	6732	166	5931	0	981	7310	7199	-938	20070	0	20070	2644	22714	50.01
12	5818	674	409	6900	159	5876	0	1059	7552	7505	-958	20542	0	20542	2696	23238	50.01
13	5854	720	408	6982	112	5853	0	1090	7494	6993	-885	20144	0	20144	2679	22824	49.97
14	5911	718	408	7038	138	5849	0	997	7097	7168	-855	20334	0	20334	2626	22960	50.00
15	5843	1190	419	7452	101	5826	0	899	7321	7257	-925	20610	0	20610	2684	23294	49.96
16	5453	1936	398	7788	125	5847	0	676	7482	7396	-926	20906	0	20906	2684	23590	49.98
17	5467	1570	409	7446	247	5831	0	416	6904	6604	-830	19714	0	19714	2582	22296	50.03
18	5416	896	420	6732	457	5774	0	145	6252	6209	-769	18548	0	18548	2437	20984	50.01
19	5404	472	411	6286	716	5794	0	7	5757	5720	-1044	17480	0	17480	2292	19772	50.02
20	5413	500	412	6326	1145	5755	0	0	5763	5062	-1180	17108	0	17108	2371	19478	49.98
21	5632	454	434	6520	976	5418	0	0	5514	5126	-1227	16812	0	16812	2420	19232	50.02
22	5716	426	413	6554	1127	5192	0	0	5612	5774	-1224	17424	0	17424	2450	19874	50.03
23	5651	418	424	6492	1034	5572	0	0	6091	6148	-1235	18012	0	18012	2505	20516	50.02
24	5650	388	423	6462	840	5914	0	0	5984	5841	-1282	17774	0	17774	2567	20342	49.97
MUs	133.45	20.24	10.05	163.74	13.05	139.86	0.00	7.91	156.93	154.68	-22.07	457.18	0.00	457.18	58.10	515.28	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 30/Apr/2021

Position as on 6.30 Hrs of 01/May/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	
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	Chandrapur Unit-8	500	30/04/2021	14.47	30/04/2021	18.13	Low furnace pressure	
MSPGCL	Chandrapur Unit 3	210	01/05/2021	00.40		Continued.	Low Vacuum	
MSPGCL	Khaparkheda Unit 4	210	01/05/2021	06.02		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 30/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 01/May/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 (Samruddhi 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 (Samruddhi highway).
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
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
Alkud-Kolhapur(Talandage)	IntraState	01/05/2021	05.06	01/05/2021	05.23	HT	Bus shifting
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 @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)
Chalisgaon -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 Nagpur samruddhi highway crossing.
Chikhli-Jalna-II	IntraState	26/04/2021	12.16		Continued.	PO	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
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	29/04/2021	12.12	30/04/2021	12.45	PO	Project Work
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

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 30/Apr/2021

Statement-VII

Position as on 6.30 Hrs of 01/May/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Dhule - Malegaon	IntraState	30/04/2021	18.24	30/04/2021	19.34	T	Distance Protection
Malegaon-Sayne	IntraState	30/04/2021	18.24	30/04/2021	19.26	T	Distance Protection
Bableshwar- Bableshwar-II	IntraState	30/04/2021	18.25	30/04/2021	19.35	EO	To attend Hot Spot