

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Apr/2020 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	67.404	1761.711	1) Gujrat	7.457	283.440
2) Hydro	21.642	558.861	2) Madhya Pradesh	11.183	422.024
3) Gas	6.738	199.783	3) Chattisgarh	8.230	222.690
Total MSPGCL	95.784	2520.355	4) Maharashtra	145.174	3724.499
B) 1) APLM	68.754	1835.513	5) Goa (Amona)	0.000	-0.484
2) JSWEL	17.613	476.596	Total	172.044	4652.169
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.106	550.043
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	24.883	515.426
5) WPCL	2.695	145.054	c) MSEDCL Bilateral *	64.192	1624.825
6) Other IPP	7.542	230.564	Include PX	41.072	1045.317
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.106	550.043
C) 1) TPCL Thermal	6.672	294.527	Include PX	6.271	169.593
2) TPCL Hydro	5.211	123.651	Standby	0.000	0.000
3) TPCL Gas	4.368	105.551	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.076	293.764	1) MSEDCL	358.552	9941.575
D) STATE			2) Mumbai Discoms	50.210	1332.916
1) Thermal	179.756	5037.729	TOTAL STATE	408.762	11274.491
(A1+C1+C4+(B1-B6))					
2) Hydro	26.853	682.512			
(A2+C2)					
3) Gas	11.106	305.334			
(A3+B7+C3)					
4) Wind	11.792	384.197			
6) SOLAR	7.211	212.553			
TOTAL STATE	236.718	6622.325			

* 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 22 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	2844	2831	2855	2898
MSPGCL Hydro	648	713	729	1053
MSPGCL Gas	277	267	284	275
MSPGCL Total Generation	3769	3811	3868	4226
Central Sector Receipt	8229	8318	6087	6733
WIND	192	340	627	447
CPP / IPP Thermal	4038	4030	4108	4052
CPP / IPP Gas	0	0	0	0
SOLAR	979	965	0	0
Exchange with Mumbai	-1120	-1125	-1012	-894
MSEDCL DEMAND MET	16087	16339	13678	14564
Load Shedding	0	0	0	0
MSEDCL DEMAND	16087	16339	13678	14564
TPCL GENERATION	566	553	905	740
AEML GENERATION	374	375	375	374
MUMBAI DEMAND	2060	2053	2292	2008
STATE DEMAND MET	18147	18392	15970	16572
STATE DEMAND	18147	18392	15970	16572
Frequency (Hz)	49.98	49.96	50.01	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06.01 Hrs	49.87 Hz at 12.07 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/2020

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	112.89	0	0
Unit 9	0.00	112.84	0	0
Unit 10	0.00	108.90	0	0
Total	0.00	334.63		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	13.91	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	10.64	112.07	473	360
Unit 7	0.00	0.00	0	0
Unit 8	11.55	257.32	495	390
Unit 9	9.93	280.54	430	375
Total	32.12	663.84		
Paras				
Unit 3	5.54	157.85	243	215
Unit 4	6.01	147.24	254	248
Total	11.56	305.08		
Khaparkheda				
Unit 1	0.00	38.21	0	0
Unit 2	4.31	61.76	185	160
Unit 3	4.39	61.42	195	158
Unit 4	4.10	71.54	190	160
Unit 5	10.92	225.23	500	365
Total	23.73	458.15		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.74	199.78	297	266
Total	6.74	199.78		
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)	0.04	4.46	31	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.04	4.46		
Koyna				
Stage 1-2	6.22	160.54	560	45
Stage 4	8.94	227.97	971	0
Stage 3	3.97	81.99	320	0
Total	19.13	470.50		
Hydro				
KDPH	0.86	24.05	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.00	12.11	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.18	6.27	80	0
RNGR+BHTSA	0.29	8.26	13	12
BHANDARDRA	0.47	14.73	20	19
ELDARY	0.00	5.36	0	0
SMLHY_PTN	0.71	17.58	30	29
GHATGHAR	0.00	0.00	0	0
Total	2.51	88.36		
Wind				
Total	11.79	384.20	0	0
Total	11.79	384.20		
CPP				
APML(Mus)	68.75	1835.51	0	0
JSWEL(Mus)	17.61	476.60	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	145.05	0	0
Other(Mus)	7.54	230.56	0	0
Total	96.60	2687.73		
SOLAR				
Total	7.21	212.55	0	0
Total	7.21	212.55		
Tata				
Trombay 5	6.67	239.70	332	264
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.79	65.60	117	105
Trombay 7B	1.58	39.95	67	63
Trombay 8	0.00	54.82	0	0
TATA Hydro	5.21	123.65	453	82
Total	16.25	523.73		
AEML				
DTPS U-1&2	9.08	293.76	471	373
Total	9.08	293.76		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	67.40	1761.71	MSPGCL Total	95.78	2520.36
			MSPGCL Thml+Gas	74.14	1961.49	Koyna 1,2 & 4 Total	15.16	388.51
			MSPGCL Hydro	21.64	558.86	State Total	236.72	6622.32

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Apr/2020

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	2890	1084	283	4257	531	4039	0	0	7085	7297	-1182	14942	0	14942	2328	17270	50.02
2	2887	1364	283	4534	455	4012	0	0	6844	6933	-1107	14827	0	14827	2219	17046	50.02
3	2898	1288	285	4471	511	4062	0	0	6764	6791	-989	14846	0	14846	2100	16946	50.03
4	2898	1053	275	4226	447	4052	0	0	6767	6733	-894	14564	0	14564	2008	16572	50.01
5	2902	1062	297	4261	308	4069	0	0	6865	7181	-864	14955	0	14955	1968	16923	50.03
6	2877	1658	277	4812	297	4070	0	0	7279	7145	-872	15452	0	15452	1975	17427	50.02
7	2886	1919	288	5093	188	4035	0	44	7595	7597	-741	16216	0	16216	1903	18119	50.03
8	2879	1531	296	4706	260	4010	0	234	7385	7394	-813	15791	0	15791	1874	17665	50.02
9	2875	1293	273	4441	306	4000	0	518	7202	7149	-1014	15400	0	15400	1928	17328	49.98
10	2859	1084	281	4224	216	3973	0	719	7465	7245	-1068	15309	0	15309	1998	17307	50.02
11	2839	725	281	3845	191	4032	0	912	7731	7839	-1123	15696	0	15696	2048	17744	50.07
12	2844	648	277	3769	192	4038	0	979	8211	8229	-1120	16087	0	16087	2060	18147	49.98
13	2831	713	267	3811	340	4030	0	965	8313	8318	-1125	16339	0	16339	2053	18392	49.96
14	2829	389	276	3494	482	4023	0	928	8397	8234	-1156	16005	0	16005	2077	18082	49.99
15	2840	316	266	3422	694	3858	0	821	8318	8156	-1178	15773	0	15773	2148	17921	49.97
16	2569	236	269	3074	457	3834	0	581	8281	8149	-1135	14960	0	14960	2147	17107	50.01
17	2438	351	289	3078	655	3862	0	348	7581	7579	-1070	14452	0	14452	2065	16517	50.04
18	2581	656	272	3509	787	3858	0	136	6595	6810	-1020	14080	0	14080	1967	16047	50.01
19	2581	326	282	3189	937	4076	0	26	5789	6107	-1001	13334	0	13334	1921	15255	50.02
20	2760	688	293	3741	676	4092	0	0	5562	5862	-1010	13361	0	13361	2072	15433	49.97
21	2867	806	272	3945	826	4032	0	0	5557	5665	-1065	13403	0	13403	2187	15590	49.96
22	2855	729	284	3868	627	4108	0	0	5794	6087	-1012	13678	0	13678	2292	15970	50.01
23	2863	1074	276	4213	671	4216	0	0	6234	6507	-1151	14456	0	14456	2394	16850	50.01
24	2856	649	296	3801	738	4223	0	0	7005	7037	-1173	14626	0	14626	2478	17104	50.00
MUs	67.40	21.64	6.74	95.78	11.79	96.60	0.00	7.21	170.62	172.04	-24.88	358.55	0.00	358.55	50.21	408.76	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/2020

Position as on 6.30 Hrs of 30/Apr/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 10.00 hrs)	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	22/03/2020	10.45		Continued.	Zero Schedule. (R S D FROM 10:45 TO 16:00 Hrs.)	
MSPGCL	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13		Continued.	Zero schedule.	
MSPGCL	Parli Unit 8	250	23/03/2020	18.00		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
IPP	JSW (J) U2	300	26/03/2020	00.13		Continued.	No schedule.	
MSPGCL	Chandrapur Unit 4	210	26/03/2020	16.06		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 5	500	26/03/2020	20.29		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 7	500	28/03/2020	23.56		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 29/Apr/2020

Position as on 6.30 Hrs of 30/Apr/2020

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	06/04/2020	13.23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	10/04/2020	20.30		Continued.	Zero Schedule By MSEDCL	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 9	660	12/04/2020	01.10		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 1	210	22/04/2020	20.45		Continued.	Zero Schedule By MSEDCL	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 30/Apr/2020

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
Dhule Sar'Sarovar II	InterState	21/04/2020	17.20	29/04/2020	14.00	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	29/04/2020	12.45	30/04/2020	01.09	T	Distance Protection
Dhule- Bableswhar - I	IntraState	24/03/2020	20.20		Continued.	HT	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58		Continued.	EO	To attend Hot Spot
Chandrapur - Parli	IntraState	19/04/2020	02.20		Continued.	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Chandrapur-II - Nanded ckt II	IntraState	19/04/2020	02.21		Continued.	T	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Babhaleswar - Padghe-II	IntraState	20/04/2020	09.25		Continued.	PO	Quarterly Maintenance work & Relay Testing, for CVT replacement work (RFC at 21.22 Hrs).
Girwali - Lonikand 1	IntraState	20/04/2020	14.27		Continued.	HT	Controllin loading of Parli-Parli(PG D/C) Line.
Taptitanda Waluj	IntraState	22/04/2020	17.18		Continued.	T	Distance Protection (RFC at 14.08Hrs DT.24-4-20)
Khadka-Aurangabad (Waluj)	IntraState	27/04/2020	17.50		Continued.	HT	Over Voltage
Jaigad-Karad Ckt-I	IntraState	28/04/2020	19.03		Continued.	HT	Over Voltage
Kharghar-Talegaon(PG)	IntraState	29/04/2020	17.58	29/04/2020	23.45	T	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection,Declared Faulty.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57		Continued.	EO	Testing work (Bushing Tan Delta problem hence kept out.)
400/220 Kv 315 MVA ICT-I @ Nagothane	IntraState	25/03/2020	17.57		Continued.	HT	LV Side CB Hand Tripped For Voltage.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	28/03/2020	18.07		Continued.	HT	Over Voltage
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	17/04/2020	13.19		Continued.	PO	Attending Hot Spot
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	19/04/2020	11.55		Continued.	HT	Over Voltage
400/220/33 Kv 315 MVA ICT- 2 @Nagothane	IntraState	29/04/2020	18.39	29/04/2020	23.12	T	NDR Operated
400/220/33 Kv 315 Mva Ict 2 @Dhule	IntraState	29/04/2020	18.40	29/04/2020	22.58	PO	R Phase LA Replacement
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05		Continued.	PO	Isolation of 220KV Cables on MSETCL Tower NO.240
Lonand-Baramati	IntraState	16/02/2020	09.37		Continued.	PO	Erection of CTT-2 Tower Work For 220Kv Baramati-Lonand & Baramati Jejuri Cables Emanating from 220Kv Baramati S/Stn.
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Sawantwadi-Bidri	IntraState	28/04/2020	18.47		Continued.	HT	Over Voltage
chandrapur-Tadali	IntraState	29/04/2020	07.09	29/04/2020	16.31	EO	To attend Hot Spot
Bableswhar -Bhenda	IntraState	29/04/2020	09.15	29/04/2020	14.14	PO	Replacement of Broken Insulator String
VILEBHAGAD KANDALGAON	IntraState	29/04/2020	09.52	29/04/2020	15.38	PO	Testing Work
Tembhurni - Jeur	IntraState	29/04/2020	11.00	29/04/2020	13.30	PO	Quarterly Maintenance Work

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/2020

Statement-VII

Position as on 6.30 Hrs of 30/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Khadaka-Chaligaon III	IntraState	29/04/2020	13.59	29/04/2020	18.39	T	Distance Protection
Pophli Pedhmbe Line- 1	IntraState	29/04/2020	20.40	29/04/2020	21.40	EO	To attend Hot Spot
220 KV ICT Outages/Trippings							
220/110KV, 200MVA T/F-III at Mudshingi	InterState	27/04/2020	17.15		Continued.	HT	Over Voltage
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS

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