

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 15/Mar/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	150.283	2337.636	1) Gujrat	6.557	107.104
2) Hydro	8.076	112.628	2) Madhya Pradesh	11.811	212.290
3) Gas	6.182	114.886	3) Chattisgarh	6.130	82.670
Total MSPGCL	164.541	2565.150	4) Maharashtra	119.373	1809.538
B) 1) APML	74.389	1056.518	5) Goa (Amona)	-0.242	-5.940
2) JSWEL	18.262	238.504	Total	143.629	2205.662
3) VIPL	0.000	0.000	a) Mumbai Schedule	18.773	323.599
4) RPL(AMT)	0.000	64.411	b) Mumbai Drawl	14.179	345.148
5) WPCL	2.689	39.584	c) MSEDCL Bilateral *	36.260	506.054
6) Other IPP	14.611	217.411	Include PX	5.570	55.888
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	18.773	323.599
C) 1) TPCL Thermal	15.391	192.723	Include PX	2.239	94.482
2) TPCL Hydro	0.482	48.798	Standby	0.000	0.000
3) TPCL Gas	4.024	49.921	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.626	144.851	1) MSEDCL	421.855	6356.881
D) STATE			2) Mumbai Discoms	44.702	781.441
1) Thermal	286.251	4291.638	TOTAL STATE	466.557	7138.322
(A1+C1+C4+(B1-B6))					
2) Hydro	8.558	161.426			
(A2+C2)					
3) Gas	10.206	164.807			
(A3+B7+C3)					
4) Wind	10.003	201.999			
6) SOLAR	7.910	112.790			
TOTAL STATE	322.928	4932.660			

* 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 4 Hrs
MSPGCL Thermal	6312	6315	6533	5851
MSPGCL Hydro	351	492	369	130
MSPGCL Gas	257	257	257	260
MSPGCL Total Generation	6920	7064	7159	6241
Central Sector Receipt	7257	6984	5410	5301
WIND	429	359	317	415
CPP / IPP Thermal	4823	4826	4516	4497
CPP / IPP Gas	0	0	0	0
SOLAR	1061	1024	0	0
Exchange with Mumbai	-675	-641	-693	-522
MSEDCL DEMAND MET	19815	19616	16709	15932
Load Shedding	0	0	0	0
MSEDCL DEMAND	19815	19616	16709	15932
TPCL GENERATION	931	929	969	584
AEML GENERATION	502	501	478	372
MUMBAI DEMAND	2108	2071	2140	1478
STATE DEMAND MET	21923	21687	18849	17410
STATE DEMAND	21923	21687	18849	17410
Frequency (Hz)	50.03	50.03	50.01	50.02

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.25 Hz at 17.04 Hrs	49.78 Hz at 21.05 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 15/Mar/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	9.10	157.95	425	293
Unit 9	9.74	172.54	550	310
Unit 10	9.30	159.24	480	316
Total	28.14	489.73		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.88	144.93	500	360
Unit 5	10.60	142.34	500	355
Total	21.48	287.27		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	55.07	0	0
Unit 7	0.00	44.16	0	0
Unit 8	5.82	80.13	250	203
Total	5.82	179.36		
Chandrapur				
Unit 3	4.38	63.00	190	179
Unit 4	3.97	59.75	170	156
Unit 5	10.58	86.30	465	420
Unit 6	10.76	149.12	465	395
Unit 7	10.44	118.37	466	390
Unit 8	10.59	154.82	475	400
Unit 9	11.01	151.23	475	450
Total	61.74	782.59		
Paras				
Unit 3	0.00	74.10	0	0
Unit 4	0.40	75.48	246	0
Total	0.40	149.58		
Khaparkheda				
Unit 1	4.04	59.36	180	145
Unit 2	4.44	62.21	190	160
Unit 3	4.59	58.95	200	158
Unit 4	4.57	54.52	195	160
Unit 5	10.70	153.46	470	430
Total	28.34	388.51		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	4.36	60.59	208	160
Unit 5	0.00	0.00	0	0
Total	4.36	60.59		
Uran				
All Units	6.18	114.89	268	239
Total	6.18	114.89		
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)	0.10	0.98	47	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	0.98		
Koyna				
Stage 1-2	3.74	35.34	480	40
Stage 4	0.38	26.43	250	0
Stage 3	0.80	13.75	80	0
Total	4.92	75.52		
Hydro				
KDPH	0.86	10.61	36	36
VTRNA	0.00	0.00	0	0
TILLARI	0.72	7.44	60	0
BHTGR/VEER	0.09	0.09	4	3
BHIRA T.R.	0.11	2.35	43	0
RNGR+BHTSA	0.36	4.97	15	14
BHANDARDRA	0.45	3.88	28	13
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.57	6.27	24	23
GHATGHAR	0.00	1.49	0	0
Total	3.16	37.11		
Wind				
Total	10.00	202.00	0	0
Total	10.00	202.00		
CPP				
APML(Mus)	74.39	1056.52	0	0
JSWEL(Mus)	18.26	238.50	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	64.41	0	0
WPCL(Mus)	2.69	39.58	0	0
Other(Mus)	14.61	217.41	0	0
Total	109.95	1616.43		
SOLAR				
Total	7.91	112.79	0	0
Total	7.91	112.79		
Tata				
Trombay 5	10.08	124.08	488	274
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.52	30.04	118	63
Trombay 7B	1.50	19.88	68	48
Trombay 8	5.31	68.64	242	170
TATA Hydro	0.48	48.80	134	0
Total	19.90	291.44		
AEML				
DTPS U-1&2	10.63	144.85	502	372
Total	10.63	144.85		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	150.28	2337.64	MSPGCL Total	164.54	2565.15
			MSPGCL Thml+Gas	156.46	2452.52	Koyna 1,2 & 4 Total	4.12	61.77
			MSPGCL Hydro	8.08	112.63	State Total	322.93	4932.66

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 15/Mar/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	6384	139	259	6782	340	4541	0	0	5386	5220	-558	16325	0	16325	1740	18065	49.99
2	6281	129	239	6649	380	4503	0	0	5412	5291	-485	16338	0	16338	1625	17963	49.98
3	5980	144	260	6384	408	4473	0	0	5400	5448	-558	16155	0	16155	1533	17688	49.97
4	5851	130	260	6241	415	4497	0	0	5283	5301	-522	15932	0	15932	1478	17410	50.02
5	6026	140	258	6424	548	4503	0	0	5404	5530	-476	16529	0	16529	1483	18012	50.00
6	6136	136	260	6532	739	4578	0	0	5728	5794	-271	17372	0	17372	1567	18939	49.99
7	6260	275	250	6785	788	4635	0	5	6456	6485	-276	18422	0	18422	1613	20035	50.00
8	6298	478	259	7035	648	4624	0	174	6559	6620	-331	18770	0	18770	1674	20444	49.99
9	6270	558	259	7087	696	4629	0	446	6191	6330	-406	18782	0	18782	1792	20574	50.01
10	6184	468	259	6911	567	4620	0	717	6440	6502	-526	18791	0	18791	1936	20727	49.98
11	6267	344	268	6879	464	4810	0	930	6725	6670	-638	19115	0	19115	2049	21164	50.01
12	6312	351	257	6920	429	4823	0	1061	7171	7257	-675	19815	0	19815	2108	21923	50.03
13	6315	492	257	7064	359	4826	0	1024	6966	6984	-641	19616	0	19616	2071	21687	50.03
14	6333	313	255	6901	276	4828	0	989	6957	6999	-614	19379	0	19379	2011	21390	50.06
15	6339	323	256	6918	232	4692	0	1218	6896	6979	-629	19410	0	19410	1958	21368	50.01
16	6319	748	266	7333	156	4534	0	710	6707	6733	-517	18949	0	18949	1936	20885	50.00
17	6351	963	258	7572	137	4537	0	450	5996	5748	-494	17950	0	17950	1928	19878	49.98
18	6489	588	258	7335	199	4536	0	177	5626	5838	-518	17567	0	17567	1938	19505	50.04
19	6421	312	257	6990	231	4431	0	9	5414	5448	-742	16367	0	16367	1974	18341	50.00
20	6533	369	257	7159	317	4516	0	0	5383	5410	-693	16709	0	16709	2140	18849	50.01
21	6420	167	257	6844	397	4398	0	0	5423	5199	-889	15949	0	15949	2131	18080	50.01
22	6143	227	258	6628	401	4444	0	0	5218	5398	-902	15969	0	15969	2077	18046	50.00
23	6173	139	257	6569	447	4448	0	0	5323	5207	-914	15757	0	15757	1999	17756	50.03
24	6198	143	258	6599	429	4525	0	0	5348	5237	-904	15886	0	15886	1941	17827	50.00
MUs	150.28	8.08	6.18	164.54	10.00	109.95	0.00	7.91	143.41	143.63	-14.18	421.85	0.00	421.85	44.70	466.56	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 15/Mar/2020

Position as on 6.30 Hrs of 16/Mar/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 U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	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	
CPP	SWPGL U-3	135	22/02/2020	00.00		Continued.	Vibration Issue In Bearing	
IPP	JSW (J) U1	300	01/03/2020	06.10		Continued.	Governor Valve Replacement.	
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.	
MSPGCL	Uran Unit 6	108	09/03/2020	18.15		Continued.	Gas shortage	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	09/03/2020	20.22		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	12/03/2020	01.00		Continued.	Zero Schedule	
MSPGCL	Paras Unit 3	250	14/03/2020	21.50		Continued.	CHP C-5 Belt problem	
MSPGCL	Paras Unit 4	250	15/03/2020	01.45		Continued.	CHP C-5 Belt problem	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 15/Mar/2020

Statement-VII

Position as on 6.30 Hrs of 16/Mar/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	13/03/2020	18.13	15/03/2020	09.07	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	15/03/2020	15.26		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	14/03/2020	19.43		Continued.	HT	Over Voltage
Chandrapur - Parli	IntraState	16/03/2020	00.12		Continued.	T	Distance Protection
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 500 MVA ICT-III @Kalwa	IntraState	15/03/2020	09.00	15/03/2020	16.54	PO	B ph OLTC oil leakage arresting work & Isolator maintenance work.
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	For Erection of CTT-2 Tower Work For 220Kv Baramati-Ionand & 220Kv Baramati Jejuri Cables Emanating form 220Kv Baramati ss.
Trombay - Mulund	IntraState	18/02/2020	06.03		Continued.	PO	Strengthening of HTLS Conductor.
Karad(400kv) -Mudshingi Ckt 2-Tak	IntraState	02/03/2020	11.12		Continued.	PO	Stringing Of New Earth Wire at loc no.112 to 132.
Trombay - Kalwa	IntraState	14/03/2020	07.16	15/03/2020	20.44	PO	String work on newly proposed in line Tower Loc.No.1 in between Loc.No.20 to 21 of existing Line
220kv Lonand- Phaltan line	IntraState	15/03/2020	04.18	15/03/2020	08.38	HT	B Phase current shows Zero Charge through TBC.
Urse - Talegaon (Ambi) Ckt 1	IntraState	15/03/2020	12.00	15/03/2020	19.41	PO	Chemical cleaning of insulators.
Aurangabad (Waluj)-Bhenda	IntraState	15/03/2020	12.16	15/03/2020	18.13	T	Distance Protection
220 KV ICT Outages/Trippings							
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