

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 30/Mar/2017 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	152.388	3963.294	1) Gujrat	-1.222	-29.645
2) Hydro	17.027	414.031	2) Madhya Pradesh	8.592	407.755
3) Gas	10.498	308.648	3) Chattisgarh	5.230	239.550
Total MSPGCL	179.913	4685.973	4) Maharashtra Net	130.093	3901.410
B) 1) APML	65.516	2096.657	5) Goa (Amona)	-0.704	-21.212
2) JSWEL	18.508	509.600	Total	141.989	4497.858
3) VIPL	14.258	304.148	a) Mumbai Schedule	25.974	613.118
4) RPL(AMT)	27.605	68.399	b) Mumbai Drawl	30.706	689.686
5) WPCL	2.772	88.027	c) MSEDCL Bilateral *	27.331	1018.232
6) PGPL	0.000	0.000	Include PX	1.604	186.730
7) Other IPP	4.343	171.500	d) Mumbai Bilateral *	25.974	613.118
C) 1) TPCL Thermal	15.215	438.679	Include PX	7.900	162.229
2) TPCL Hydro	4.447	116.498	Include Standby	0.000	0.000
3) TPCL Gas	4.378	133.503	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.504	320.958	1) MSEDCL	435.114	12005.615
D) STATE			2) Mumbai Discoms	66.250	1699.311
1) Thermal	312.109	7961.262	TOTAL STATE	501.364	13704.926
(A1+C1+C4+(B1-B6))					
2) Hydro	21.474	530.529			
(A2+C2)					
3) Gas	14.876	442.151			
(A3+B6+C3)					
4) Wind	9.660	231.650			
6) SOLAR	1.256	41.489			
TOTAL STATE	359.375	9207.081			

* 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	6557	6592	6436	6209
MSPGCL Hydro	1747	1719	251	132
MSPGCL Gas	430	426	436	442
MSPGCL Total Generation	8734	8737	7123	6783
Central Sector Receipt	6326	6165	5476	5391
WIND	45	63	628	596
CPP / IPP Thermal	5495	5490	5979	5234
CPP / IPP Gas	0	0	0	0
SOLAR	172	182	0	0
Exchange with Mumbai	-1514	-1430	-1492	-860
MSEDCL DEMAND MET	19258	19207	17714	17144
Load Shedding	424	538	0	0
MSEDCL DEMAND	19682	19745	17714	17144
TPCL GENERATION	1333	1380	1084	697
R-INFRA GENERATION	485	500	388	508
MUMBAI DEMAND	3332	3310	2964	2065
STATE DEMAND MET	22590	22517	20678	19209
STATE DEMAND	23014	23055	20678	19209
Frequency (Hz)	49.99	50.00	49.91	49.97

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 13.02 Hrs	49.72 Hz at 21.05 Hrs	49.97	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/Mar/2017

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.91	22.95	169	160
Unit 8	14.63	398.40	621	586
Unit 9	14.80	282.69	642	506
Unit 10	0.00	0.00	0	0
Total	33.34	704.03		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.52	35.84	195	160
Unit 4	10.58	300.87	500	365
Unit 5	10.93	312.98	505	370
Total	26.04	649.70		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.93	165.37	250	220
Unit 7	5.90	162.95	252	194
Unit 8	2.89	27.21	165	90
Total	14.72	355.53		
Chandrapur				
Unit 3	4.64	135.07	197	188
Unit 4	4.63	121.46	197	189
Unit 5	10.25	304.38	440	411
Unit 6	10.28	275.54	440	412
Unit 7	0.00	0.00	0	0
Unit 8	8.95	217.54	446	301
Unit 9	0.00	205.22	0	0
Total	38.74	1259.21		
Paras				
Unit 3	5.95	75.63	250	238
Unit 4	0.00	155.93	0	0
Total	5.95	231.56		
Khaparkheda				
Unit 1	4.04	40.32	180	145
Unit 2	4.02	87.57	175	140
Unit 3	4.10	66.35	186	160
Unit 4	3.24	43.41	146	131
Unit 5	9.79	276.30	430	380
Total	25.19	513.94		
Nasik				
Unit 3	4.20	125.30	195	165
Unit 4	0.00	100.02	0	0
Unit 5	4.21	23.99	200	165
Total	8.41	249.32		
Uran				
All Units	10.50	308.65	451	418
Total	10.50	308.65		
PGPL				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Total	0.00	0.00		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.00	3.94	0	0
Total	0.00	3.94		
Koyna				
Stage 1-2	4.15	111.30	560	40
Stage 4	6.36	117.73	750	0
Stage 3	2.17	50.45	240	0
Total	12.68	279.48		
Hydro				
KDPH	0.82	21.73	34	34
VTRNA	1.11	35.92	61	0
TILLARI	0.00	7.52	0	0
BHTGR/VEER	0.00	0.53	0	0
BHIRA T.R.	0.22	6.10	80	0
RNGR+BHTSA	0.32	9.48	14	13
BHANDARDRA	0.49	14.50	38	12
ELDARY	0.00	2.83	0	0
SMLHY_PTN	0.73	15.88	31	30
GHATGHAR	0.66	20.05	250	0
Total	4.35	134.55		
Wind				
Total	9.66	231.65	0	0
Total	9.66	231.65		
CPP				
APML(Mus)	65.52	2096.66	0	0
JSWEL(Mus)	18.51	509.60	0	0
VIPL(Mus)	14.26	304.15	0	0
RPLAMT(Mus)	27.60	68.40	0	0
WPCL(Mus)	2.77	88.03	0	0
Other(Mus)	4.34	171.50	0	0
Total	133.00	3238.33		
SOLAR				
Total	1.26	41.49	0	0
Total	1.26	41.49		
Tata				
Trombay 5	9.96	280.65	494	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.82	85.66	122	110
Trombay 7B	1.56	47.85	67	62
Trombay 8	5.26	158.03	243	200
TATA Hydro	4.45	116.50	459	0
Total	24.04	688.68		
R-INFRA				
DTPS U-1&2	11.50	320.96	509	386
Total	11.50	320.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	152.39	3963.29	MSPGCL Total	179.91	4685.97
			MSPGCL Thml+Gas	162.89	4271.94	Koyna 1,2 & 4 Total	10.51	229.03
			MSPGCL Hydro	17.03	414.03	State Total	359.38	9207.08

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 30/Mar/2017

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	6315	597	442	7354	755	5214	0	0	5756	5763	-1256	17830	0	17830	2574	20404	49.95
2	6245	205	444	6894	673	5211	0	0	5714	5594	-1036	17336	0	17336	2282	19618	49.98
3	6241	137	442	6820	666	5221	0	0	5620	5555	-943	17319	0	17319	2164	19483	49.98
4	6209	132	442	6783	596	5234	0	0	5578	5391	-860	17144	0	17144	2065	19209	49.97
5	6153	132	443	6728	484	5237	0	0	5622	5900	-824	17525	0	17525	2028	19553	49.99
6	6191	494	445	7130	410	5252	0	0	5694	5934	-794	17932	0	17932	2095	20027	49.99
7	6400	1010	446	7856	340	5261	0	0	6221	6154	-904	18707	0	18707	2174	20881	50.02
8	6398	762	445	7605	284	5329	0	26	6333	6130	-1037	18337	0	18337	2326	20663	50.02
9	6443	394	439	7276	154	5378	0	72	6407	6575	-1125	18330	0	18330	2589	20919	49.98
10	6417	787	423	7627	86	5429	0	121	6142	6299	-1479	18083	0	18083	3047	21130	49.96
11	6519	1486	429	8434	82	5465	0	137	6214	6224	-1517	18825	0	18825	3195	22020	49.99
12	6557	1747	430	8734	45	5495	0	172	6258	6326	-1514	19258	424	19682	3332	23014	49.99
13	6592	1719	426	8737	63	5490	0	182	6202	6165	-1430	19207	538	19745	3310	23055	50.00
14	6628	1504	418	8550	129	5497	0	178	6177	6410	-1500	19264	375	19639	3208	22847	50.00
15	6559	1493	432	8484	185	5583	0	152	6183	6075	-1440	19039	225	19264	3277	22541	49.95
16	6478	1620	436	8534	228	5722	0	116	6152	6272	-1404	19468	123	19591	3278	22869	49.95
17	6477	1020	433	7930	303	5915	0	72	6159	6048	-1391	18877	68	18945	3237	22182	49.98
18	6357	271	445	7073	506	5725	0	27	6103	5962	-1424	17869	0	17869	3110	20979	49.99
19	6386	246	432	7064	577	5736	0	1	5976	5351	-1458	17271	0	17271	2990	20261	49.96
20	6436	251	436	7123	628	5979	0	0	5905	5476	-1492	17714	0	17714	2964	20678	49.91
21	6337	215	448	7000	642	5831	0	0	5772	5463	-1489	17447	0	17447	2832	20279	49.97
22	5997	200	451	6648	664	5851	0	0	5718	5244	-1475	16932	0	16932	2773	19705	49.94
23	6045	305	439	6789	587	5852	0	0	5870	5817	-1490	17555	0	17555	2750	20305	49.97
24	6008	300	432	6740	573	6093	0	0	5973	5861	-1424	17843	0	17843	2650	20493	49.93
MUs	152.39	17.03	10.50	179.91	9.66	133.00	0.00	1.26	143.75	141.99	-30.71	435.11	1.75	436.87	66.25	503.12	49.97

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/Mar/2017

Position as on 6.30 Hrs of 31/Mar/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Chandrapur Unit 7	500	25/01/2017	19.32		Continued.	Turbine Problem, continued under COH	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Koradi Unit 5	200	05/09/2016	00.21		Continued.	ID Fan problem, Converted to Zero Schedule By MSEDCL from 00.00hrs/22-9-16. Shutdown taken on 18.10.2016 at 00:00Hrs for Turbine inspection and maintenance work	
IPP	RPL(AMT) U-4	270	16/11/2016	21.03	30/03/2017	06.04	Zero Schedule By MSEDCL.	
IPP	JSW (J) U2	300	01/12/2016	00.00		Continued.	No Schedule	
MSPGCL	Koradi Unit 10	660	07/02/2017	00.10		Continued.	Work Of PG Test.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
MSPGCL	Koyna STG- IV Unit - 1	250	17/03/2017	10.45		Continued.	Turbine bearing Vabration high	
CPP	SWPGL U-4	135	22/03/2017	00.01		Continued.	SSC Chain Broken.	
IPP	Adani U-4	660	24/03/2017	22.00	30/03/2017	14.10	Main Steam Stop Valve Block.	
MSPGCL	Nasik Unit 4	210	25/03/2017	05.45		Continued.	BTL continued under zero schedule by MSEDCL w.e.f. 26.03.2017 at 00:00	
MSPGCL	Chandrapur Unit 9	500	28/03/2017	14.33		Continued.	Boiler Tube Leakage	
MSPGCL	Paras Unit 4	250	28/03/2017	18.26		Continued.	Boiler Tube Leakage	
IPP	RPL(AMT) U-5	270	30/03/2017	17.17	30/03/2017	19.24	tripped on id fan.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 30/Mar/2017

Statement-VII

Position as on 6.30 Hrs of 31/Mar/2017

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							
Dhule Sar'Sarovar II	InterState	29/03/2017	20.31	30/03/2017	07.48	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	30/03/2017	20.29		Continued.	HT	Over Voltage
Karad - Jaigad - II	IntraState	29/03/2017	23.18	30/03/2017	12.17	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	27/03/2017	12.58		Continued.	PO	Dismantling Work And Will Be Transport At Padgha.
220 KV LINE Outages/Trippings							
Mahalakshmi Amona	InterState	31/03/2017	04.37	31/03/2017	05.04	T	high voltage.
Tillari Amona	InterState	31/03/2017	04.37	31/03/2017	05.03	T	high voltage.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Chandrapur GCR - Wani	IntraState	05/04/2015	09.15		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Sawantwadi-Bidri	IntraState	30/03/2017	00.22	30/03/2017	16.13	T	Distance Protection
Lonikand-VSNL	IntraState	30/03/2017	09.06	30/03/2017	13.27	PO	Routine Maintenance Work
Taloja li - OCIL-II	IntraState	30/03/2017	09.16	30/03/2017	17.49	PO	ct replacement work.
Vilebagad-Kandalgaon	IntraState	30/03/2017	09.50	30/03/2017	17.58	PO	Routine Maintenance Work
Baramati- Kalyani	IntraState	30/03/2017	11.05	30/03/2017	13.10	PO	Routine Maintenance Work
Patoda-Manjarsumba	IntraState	30/03/2017	12.10	30/03/2017	14.45	PO	Relay Testing Work.
Butibori-VIPL-IV GIS Bay	IntraState	30/03/2017	14.23	30/03/2017	15.46	PO	installation of abt meters.
Nanded-Parbhani	IntraState	30/03/2017	15.15	30/03/2017	18.10	EO	Attending Hot Spot
Flagship-Chinchwad	IntraState	30/03/2017	16.18	30/03/2017	17.58	PO	diagnostic testing.
Lonand-Baramati	IntraState	30/03/2017	16.35	30/03/2017	18.10	EO	Attending Hot Spot
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/132KV 200MVA ICT II @Kurkumb	IntraState	30/03/2017	09.00	30/03/2017	17.19	PO	Routine Maintenance Work
220/132 Kv 200 MVA ICT-III @Girwali	IntraState	30/03/2017	09.00	30/03/2017	14.35	EO	Attending Hot Spot
220/33kv 100 MVATransformer 2 @Versova R/S	IntraState	30/03/2017	09.38	30/03/2017	19.32	PO	replacement of isolator.
220/132 Kv 150 Mva Cgl Ptr No 7 @Chinchwad	IntraState	30/03/2017	12.05	30/03/2017	14.29	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Parli 2(Girwali) -Gangakhed	IntraState	29/03/2017	11.08	30/03/2017	20.45	PO	FOR LILO WORK.
Parli- Gangakhed	IntraState	30/03/2017	11.08	30/03/2017	20.45	PO	making lilo at 132kv parly.
Waluj - Bajaj-I	IntraState	30/03/2017	15.00	30/03/2017	18.15	PO	Relay Testing Work
Warwat Bakal-Khamgaon	IntraState	30/03/2017	15.35	30/03/2017	18.45	PO	making tripping arrangement on 132kv khamgaon -warwatbakal ckt between loc 86a 86b for test charging 132kv jalgaon jamod ckt alongwith jalgaon jamod s/s.

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