

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 19/Mar/2015 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	118.656	2313.635	1) Gujrat	-0.916	-65.826
2) Hydro	14.983	174.161	2) Madhya Pradesh	20.488	274.751
3) Gas	10.634	169.257	3) Chattisgarh	5.410	90.690
Total MSPGCL	144.273	2657.053	4) Maharashtra Net	90.612	1482.685
B) 1) APLM	52.870	825.900	5) Goa	-7.833	-122.116
2) JSWEL	17.760	256.024	6) TAPS 1&2 Injection	3.674	69.721
3) VIPL	10.807	177.582	7) RGPPL Injection	0.000	0.000
4) RPL(AMT)	5.090	94.450	8) Pench (MS)	0.144	1.657
5) WPCL	2.755	49.212	9) Pench (Excess)	-0.144	-1.695
6) Other IPP	9.622	176.254	Total	111.291	1728.210
C) 1) TPCL Thermal	13.692	255.687	a) Mumbai Schedule	21.993	357.724
2) TPCL Hydro	4.550	50.604	b) Mumbai Drawl	24.906	392.047
3) TPCL Gas	3.605	61.723	c) MSEDCL Bilateral *	19.469	402.999
4) R-INFRA Thermal	10.924	200.668	Include PX	-0.840	-17.446
D) STATE			d) Mumbai Bilateral *	21.136	356.866
1) Thermal	242.176	4349.412	Include PX	0.243	7.208
(A1+C1+C4+(B1-B6))			Include Standby	0.858	0.858
2) Hydro	19.533	224.765	H) ENERGY CATERED (MUs)		
3) Gas	14.239	230.980	1) MSEDCL	339.680	5739.431
4) Wind	8.912	141.832	2) Mumbai Discoms	57.675	960.717
6) SOLAR	1.206	23.304	TOTAL STATE	397.355	6700.148
TOTAL STATE	286.066	4970.293			

* 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	5122	5302	5150	4700
MSPGCL Hydro	1364	1588	718	117
MSPGCL Gas	432	429	444	447
MSPGCL Total Generation	6918	7319	6312	5264
Central Sector Receipt	5669	5213	4761	3641
WIND	297	133	224	727
CPP / IPP	4255	4295	4260	3494
SOLAR	148	173	0	0
Exchange with Mumbai	-1412	-1563	-1249	-464
MSEDCL DEMAND MET	15875	15570	14308	12662
Load Shedding	49	51	33	38
MSEDCL DEMAND	15924	15621	14341	12700
TPCL GENERATION	1039	881	975	795
R-INFRA GENERATION	510	516	517	381
MUMBAI DEMAND	2961	2960	2793	1640
STATE DEMAND MET	18836	18530	17101	14302
STATE DEMAND	18885	18581	17134	14340
Frequency (Hz)	49.87	49.92	49.93	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.24 Hz at 17:01 Hrs	49.71 Hz at 18:54 Hrs	49.94	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 19/Mar/2015

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	0.00	0	0
Unit 6	3.42	67.24	167	52
Unit 7	3.67	71.85	178	140
Total	7.10	139.09		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	3.96	75.53	170	150
Unit 4	9.76	142.78	475	365
Unit 5	10.20	174.78	500	360
Total	23.92	393.09		
Parli				
Unit 3	0.00	0.00	0	0
Unit 4	3.65	59.40	160	129
Unit 5	3.62	51.42	163	146
Unit 6	4.55	87.21	198	180
Unit 7	4.54	73.71	205	184
Total	16.36	271.74		
Chandrapur				
Unit 1	0.00	0.00	0	0
Unit 2	3.29	62.50	140	127
Unit 3	4.44	79.21	206	163
Unit 4	0.00	64.09	0	0
Unit 5	9.90	149.80	455	364
Unit 6	0.00	148.85	0	0
Unit 7	9.47	168.25	451	367
Total	27.09	672.70		
Paras				
Unit 3	4.61	89.51	224	0
Unit 4	0.00	18.35	0	0
Total	4.61	107.86		
Khaparkheda				
Unit 1	4.18	76.46	190	155
Unit 2	3.94	71.60	175	145
Unit 3	3.03	73.25	167	0
Unit 4	4.23	79.10	192	167
Unit 5	11.10	184.64	500	390
Total	26.47	485.05		
Nasik				
Unit 3	4.38	81.95	195	170
Unit 4	4.42	81.85	200	174
Unit 5	4.29	80.30	189	173
Total	13.10	244.10		
Uran				
All Units	10.63	169.26	500	423
Total	10.63	169.26		
PENCH (MS)				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Pench (MS)	0.14	1.66	52	0
Total	0.14	1.66		
Koyna				
Stage 1-2	4.60	59.98	445	40
Stage 4	4.30	24.01	840	0
Stage 3	2.01	18.98	240	0
Total	10.91	102.96		
Hydro				
KDPH	0.00	2.99	0	0
VTRNA	1.08	19.65	61	0
TILLARI	0.31	5.05	63	0
BHTGR/VEER	0.06	0.57	3	2
BHIRA T.R.	0.31	2.32	80	0
RNGR+BHTSA	0.32	5.53	14	13
BHANDARDRA	0.49	5.43	21	20
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.82	12.08	34	34
GHATGHAR	0.69	17.59	125	0
Total	4.07	71.20		
Wind				
Total	8.91	141.83	0	0
Total	8.91	141.83		
CPP				
APML(Mus)	52.87	825.90	0	0
JSWEL(Mus)	17.76	256.02	0	0
VIPL(Mus)	10.81	177.58	0	0
RPLAMT(Mus)	5.09	94.45	0	0
WPCL(Mus)	2.76	49.21	0	0
Other(Mus)	9.62	176.25	0	0
Total	98.90	1579.42		
SOLAR				
Total	1.21	23.30	0	0
Total	1.21	23.30		
Tata				
Trombay 5	5.35	150.76	497	0
Trombay 6	3.02	3.91	198	0
Trombay 7A	2.17	37.12	119	69
Trombay 7B	1.44	24.61	70	53
Trombay 8	5.32	101.02	250	200
TATA Hydro	4.55	50.60	449	0
Total	21.85	368.01		
R-INFRA				
1-2	10.92	200.67	519	379
Total	10.92	200.67		

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	118.66	2313.64
MSPGCL Thml+Gas	129.29	2482.89

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	14.98	174.16
MSPGCL Total	144.27	2657.05

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	8.90	83.99
State Total	286.07	4970.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 19/Mar/2015

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													
1	4655	364	446	5465	424	3974	0	3772	3688	-784	12767	51	12818	1957	14775	49.98
2	4704	177	447	5328	579	3887	0	3893	3600	-615	12779	38	12817	1788	14605	49.97
3	4758	122	448	5328	619	3641	0	4007	3702	-522	12768	38	12806	1698	14504	50.00
4	4700	117	447	5264	727	3494	0	3894	3641	-464	12662	38	12700	1640	14340	49.98
5	4702	247	450	5399	695	3418	0	3683	3686	-458	12740	38	12778	1637	14415	49.96
6	4735	441	450	5626	666	3549	0	3966	4139	-557	13423	40	13463	1756	15219	49.95
7	4830	230	455	5515	683	4169	11	4499	4687	-700	14365	79	14444	1889	16333	49.96
8	4890	203	458	5551	660	4283	29	4744	5025	-767	14781	79	14860	2026	16886	49.98
9	5029	232	500	5761	498	4377	64	4757	5323	-872	15151	77	15228	2392	17620	49.98
10	5147	481	430	6058	468	4348	105	5047	5191	-1007	15163	52	15215	2655	17870	49.88
11	5235	798	434	6467	309	4393	156	5287	5413	-1087	15651	45	15696	2927	18623	49.89
12	5122	1364	432	6918	297	4255	148	5302	5669	-1412	15875	49	15924	2961	18885	49.87
13	5302	1588	429	7319	133	4295	173	5044	5213	-1563	15570	51	15621	2960	18581	49.92
14	5282	1278	423	6983	61	4537	167	4997	5154	-1436	15466	45	15511	2838	18349	49.93
15	5260	1344	426	7030	33	4413	138	4989	5191	-1397	15408	33	15441	2890	18331	49.88
16	5239	1422	429	7090	36	4419	118	4967	5158	-1341	15480	32	15512	2906	18418	49.85
17	5208	1154	432	6794	99	4345	72	4967	5062	-1315	15057	33	15090	2899	17989	49.89
18	4937	390	440	5767	142	4299	24	4279	4427	-1206	13453	47	13500	2783	16283	50.02
19	5051	405	441	5897	170	4263	1	4328	4236	-1253	13314	31	13345	2693	16038	49.96
20	5150	718	444	6312	224	4260	0	4702	4761	-1249	14308	33	14341	2793	17134	49.93
21	5021	324	441	5786	355	4359	0	4647	5118	-1332	14286	33	14319	2705	17024	49.96
22	4766	280	443	5489	418	4097	0	4357	4637	-1352	13289	34	13323	2521	15844	49.98
23	4468	540	443	5451	339	3981	0	4133	4455	-1182	13044	34	13078	2331	15409	49.95
24	4465	764	446	5675	277	3848	0	4163	4115	-1035	12880	34	12914	2176	15090	49.98
MUs	118.66	14.98	10.63	144.27	8.91	98.90	1.21	108.42	111.29	-24.91	339.68	1.06	340.74	57.82	398.57	49.94

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 19/Mar/2015

Position as on 6.30 Hrs of 20/Mar/2015

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Parli Unit 3	210	13/02/2013	23:50		Continued.	Water Shortage	
CENT.SECTOR	Tarapur 1	160	12/10/2014	22:39		Continued.	Refuelling Work. (60 Days)	
MSPGCL	Paras Unit 4	250	05/03/2015	00.00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 2A	230	06/06/2013	09.10		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
RGPPL	Dabhol 2X	290	15/07/2013	15.09		Continued.	Gas Shortage	
RGPPL	Dabhol 2B	230	08/08/2013	15.03		Continued.	Gas Shortage	
RGPPL	Dabhol 3X	290	29/12/2013	05.47		Continued.	Gas Shortage	
RGPPL	Dabhol 3B	230	29/12/2013	06.14		Continued.	Gas Shortage	
IPP	WPCL U-2	135	18/02/2014	00.02		Continued.	Ash conveying Problem	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	PA Fan Vibration Problem	
MSPGCL	Koradi Unit 5	200	17/06/2014	11:53		Continued.	Economic Shutdown	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Bhusawal Unit 2	210	13/09/2014	12.43		Continued.	Economic shutdown	
CPP	WPCL U-1	135	30/10/2014	00.43		Continued.	ESP bag Filter Damaged	
IPP	Adani U-3	660	06/02/2015	11.42		Continued.	Bushing Repl Work.	
IPP	RPL(AMT) U-2	270	03/03/2015	23.23		Continued.	PA Fan problem	
IPP	JSW (J) U4	300	05/03/2015	00.15		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 4	210	16/03/2015	20.33		Continued.	Low farward power relay optd.	
CPP	WPCL U-4	135	18/03/2015	02.34		Continued.	Withdrawn	
MSPGCL	Chandrapur Unit 6	500	18/03/2015	22.07		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	19/03/2015	00		Continued.	Gas shortage	
TPC-G	Trombay 6	500	19/03/2015	09.30	19/03/2015	14.20	Economic Shutdown.	
TPC-G	Trombay 5	500	19/03/2015	11.20	19/03/2015	19.15	Insrprment Air Problem.	
MSPGCL	Khaparkheda Unit 3	210	19/03/2015	19.13		Continued.	Flame Failure	
MSPGCL	Paras Unit 3	250	19/03/2015	21.48		Continued.	Flame Failure	
IPP	RPL(AMT) U-1	270	19/03/2015	22.44	20/03/2015	00.58	Turbine Vibration	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Handtripped due to ID Fan Problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 19/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 20/Mar/2015

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							
Kolhapur Mapusa I	InterState	18/03/2015	16.37	19/03/2015	07.40	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	18/03/2015	18.09	19/03/2015	07.37	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	19/03/2015	21.01		Continued.	HT	Over Voltage
Kolhapur Mapusa II	InterState	19/03/2015	21.04		Continued.	HT	Over Voltage
Taptitanda Waluj	IntraState	27/01/2015	18.20		Continued.	HT	B Ph Jumper Open.
Nagothane - Dabhol-II	IntraState	06/03/2015	03.17		Continued.	T	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	14/03/2015	15.47		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	18/03/2015	16.44	19/03/2015	07.52	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	18/03/2015	17.48	19/03/2015	06.16	HT	Over Voltage
Karad - Jaigad - II	IntraState	18/03/2015	18.04	19/03/2015	09.00	HT	Over Voltage
Lonikand I - Koyana stage-IV	IntraState	19/03/2015	00.44	19/03/2015	06.20	HT	Over Voltage
Chandrapur-Parali 2	IntraState	19/03/2015	09.53	19/03/2015	20.21	PO	Line Maintenance work
karad -kolhapur-II	IntraState	19/03/2015	16.54	20/03/2015	07.02	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	19/03/2015	17.15		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	19/03/2015	17.57		Continued.	HT	Over Voltage
Deepnagar Waluj 1	IntraState	20/03/2015	04.34		Continued.	T	Distance Protection
400 KV ICT Outages/Trippings							
400/220 KV 500 MVA ICT- II @Warora	IntraState	16/02/2015	10:43		Continued.	HT	Attending CTR Fire System Nitrogen Leakage
400/220 KV 500 MVA ICT- I @Warora	IntraState	16/02/2015	18.56		Continued.	PO	Attending Oil Leakage
400/220 Kv 315 Mva ICT -I @Padghe	IntraState	16/03/2015	12.37		Continued.	PO	Breaker work Hv side on Tbc
400/220 Kv 500 Mva Ict 1 @Jejuri	IntraState	18/03/2015	22.36	19/03/2015	01.14	PO	Oil Replacement & Leakage Attending Work.
400/220/33 Kv 500 Mva Ict 1 @Lonikand 2	IntraState	19/03/2015	10.13	19/03/2015	13.54	PO	Routine Maintenance Work
220 KV LINE Outages/Trippings							
Nasik Navsari I	InterState	10/03/2015	17.59		Continued.	HT	To control Loading of Bus Section at Nsk OCR
Boisar Tarapur	InterState	19/03/2015	11.01	19/03/2015	19.23	PO	R.M. Work.
TBC @ Parli-II	IntraState	07/01/2015	15.48		Continued.	PO	Shifting of control panel
Kalwa Salsette III	IntraState	24/02/2015	09.03		Continued.	PO	Strengthening work,line taken in service on 02.03.15 at 11.39 hrs.to attend hot spot on kalwa-s'sette IV.again H/T on 03.03.15 at 10.23 Hrs.(45Days)
Sahara-Urse	IntraState	03/03/2015	11.06		Continued.	PO	Tower erection work (90Days)
Babheshwar -Waluj	IntraState	05/03/2015	06.35		Continued.	HT	To control A'Bad ICT Load
Trombay - Mulund	IntraState	19/03/2015	06.31	19/03/2015	11.05	PO	Cross Arm Painting Work.
Jejuri (400 Kv)-Jejuri- li	IntraState	19/03/2015	08.07	19/03/2015	16.36	PO	Replacement of Insulator Spring.
Parli 3 (Old Gcr)-Girwali Ckt-3	IntraState	19/03/2015	08.30	19/03/2015	16.51	PO	To Carry out TBC Trails of TBC-I Measurment of Tandelta of CT.
Talandge(400)- Mudshingi 2 Line	IntraState	19/03/2015	09.10	19/03/2015	18.15	PO	Attending Hot Spot
New Koyana - Loteparshuram	IntraState	19/03/2015	09.28	19/03/2015	18.35	PO	Insulator Cleaning Work.
Uran - Hoc 1	IntraState	19/03/2015	10.34	19/03/2015	16.10	PO	To attend Hot Spot
Adlabs - Pedambe	IntraState	19/03/2015	12.48	19/03/2015	14.05	T	Distance Protection
Trombay - Kalwa	IntraState	19/03/2015	14.27		Continued.	PO	Pannel Replacemen Work(Outage for 8 Days).
Centuri Enka- Bhosari	IntraState	19/03/2015	14.34	19/03/2015	15.45	PO	A/R Work.
Karad-Nerle	IntraState	19/03/2015	16.42	19/03/2015	19.10	PO	To attend Hot Spot

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 19/Mar/2015

Statement-VII

Position as on 6.30 Hrs of 20/Mar/2015

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Jejuri (400 Kv)- Baramati li	IntraState	19/03/2015	17.11	19/03/2015	19.22	PO	To Attend Hot Spot on CT.
Alephata-Pargaon(Kathapur)	IntraState	19/03/2015	17.42	19/03/2015	22.07	PO	To Attend Hot Spot on Y Ph CT Clamp.
Trombay - Mulund	IntraState	20/03/2015	06.46		Continued.	PO	Cross Arm Painting Work.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Monkey Fault
220/33kV 100 MVA Transformer 4 @Aarey R/S	IntraState	19/03/2015	08.57	19/03/2015	19.23	PO	Replacement of IPS Tube of Bushing With AAAC Conductor.
220/100 Kv 200 Mva Vijai Ict 4 @Kalwa	IntraState	19/03/2015	09.01	19/03/2015	12.27	PO	Gas Leakage Attending Work.
220/132 Kv 100 Mva Ict 2 @Bhokardan	IntraState	19/03/2015	10.25	19/03/2015	17.10	PO	Attending Oil Leakages of ICT.
220/132 Kv 200 Mva Vijai Ict 1 @Ranjangaon	IntraState	19/03/2015	17.05	19/03/2015	19.16	PO	Tan Delta & Testing Work.
132 KV LINE Outages/Trippings							
Dhule(220kv)-Dondaicha(132 Kv)	IntraState	19/03/2015	09.23	19/03/2015	13.17	HT	To Avail Outage on ICT.

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