

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 02/Oct/2017 MONDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	107.906	213.754	1) Gujrat	0.208	-1.609
2) Hydro	8.359	13.454	2) Madhya Pradesh	18.602	34.356
3) Gas	9.662	19.526	3) Chattisgarh	8.510	15.930
Total MSPGCL	125.927	246.734	4) Maharashtra Net	131.550	250.110
B) 1) APML	37.738	75.412	5) Goa (Amona)	-0.132	-0.220
2) JSWEL	25.584	50.704	Total	158.738	298.567
3) VIPL	7.492	14.102	a) Mumbai Schedule	29.634	55.035
4) RPL(AMT)	13.506	30.972	b) Mumbai Drawl	31.334	62.265
5) WPCL	2.237	4.443	c) MSEDCL Bilateral *	38.753	71.879
6) PGPL	0.000	0.000	Include PX	13.028	21.083
7) Other IPP	6.379	12.816	d) Mumbai Bilateral *	29.634	55.035
C) 1) TPCL Thermal	16.885	31.826	Include PX	8.721	14.396
2) TPCL Hydro	2.731	3.521	Include Standby	0.000	0.000
3) TPCL Gas	3.255	6.185	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	5.481	10.830	1) MSEDCL	355.150	688.880
D) STATE			2) Mumbai Discoms	59.686	114.627
1) Thermal	223.208	444.859	TOTAL STATE	414.836	803.507
(A1+C1+C4+(B1-B6))					
2) Hydro	11.090	16.975			
(A2+C2)					
3) Gas	12.917	25.711			
(A3+B6+C3)					
4) Wind	6.698	13.092			
6) SOLAR	2.185	4.303			
TOTAL STATE	256.098	504.940			

* 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 20 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	4356	4449	4800	4390
MSPGCL Hydro	127	391	1123	63
MSPGCL Gas	396	394	403	408
MSPGCL Total Generation	4879	5234	6326	4861
Central Sector Receipt	8059	8057	6058	5621
WIND	352	171	473	364
CPP / IPP Thermal	3775	3851	4040	3852
CPP / IPP Gas	0	0	0	0
SOLAR	324	153	0	0
Exchange with Mumbai	-1562	-1553	-1218	-1218
MSEDCL DEMAND MET	15827	15913	15679	13480
Load Shedding	0	0	0	0
MSEDCL DEMAND	15827	15913	15679	13480
TPCL GENERATION	1024	1020	1301	686
R-INFRA GENERATION	250	250	250	190
MUMBAI DEMAND	2836	2823	2769	2094
STATE DEMAND MET	18663	18736	18448	15574
STATE DEMAND	18663	18736	18448	15574
Frequency (Hz)	49.99	49.94	49.94	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.12 Hz at 06.00 Hrs	49.77 Hz at 17.04 Hrs	49.99	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 02/Oct/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	0.00	0.00	0	0
Unit 8	11.85	21.96	531	380
Unit 9	0.00	0.00	0	0
Unit 10	10.86	21.42	500	380
Total	22.71	43.38		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	7.54	15.28	360	300
Unit 5	7.63	15.51	350	300
Total	15.18	30.78		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.36	8.61	189	178
Unit 7	0.00	0.00	0	0
Unit 8	4.23	8.38	185	165
Total	8.59	16.99		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	2.91	3.94	170	0
Unit 5	8.18	17.42	395	310
Unit 6	1.63	1.63	312	0
Unit 7	8.32	17.28	382	325
Unit 8	7.79	16.30	344	300
Unit 9	7.77	16.28	357	310
Total	36.60	72.84		
Paras				
Unit 3	3.89	7.93	170	150
Unit 4	3.82	7.86	168	143
Total	7.71	15.79		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	8.86	17.85	460	309
Total	8.86	17.85		
Nasik				
Unit 3	0.50	0.50	110	0
Unit 4	3.89	7.82	168	150
Unit 5	3.86	7.79	166	153
Total	8.25	16.12		
Uran				
All Units	9.66	19.53	418	384
Total	9.66	19.53		
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	0.00	0	0
Total	0.00	0.00		
Koyna				
Stage 1-2	3.88	6.02	425	40
Stage 4	1.97	3.38	475	0
Stage 3	1.47	2.06	160	0
Total	7.31	11.46		
Hydro				
KDPH	0.00	0.18	0	0
VTRNA	0.44	0.67	61	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.20	0.28	77	0
RNGR+BHTSA	0.32	0.63	14	13
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.08	0.23	4	3
GHATGHAR	0.00	0.00	0	0
Total	1.04	1.99		
Wind				
Total	6.70	13.09	0	0
Total	6.70	13.09		
CPP				
APML(Mus)	37.74	75.41	0	0
JSWEL(Mus)	25.58	50.70	0	0
VIPL(Mus)	7.49	14.10	0	0
RPLAMT(Mus)	13.51	30.97	0	0
WPCL(Mus)	2.24	4.44	0	0
Other(Mus)	6.38	12.82	0	0
Total	92.94	188.45		
SOLAR				
Total	2.18	4.30	0	0
Total	2.18	4.30		
Tata				
Trombay 5	11.32	20.87	489	351
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.90	3.56	102	64
Trombay 7B	1.35	2.63	63	51
Trombay 8	5.57	10.96	249	200
TATA Hydro	2.73	3.52	411	0
Total	22.87	41.53		
R-INFRA				
DTPS U-1&2	5.48	10.83	251	189
Total	5.48	10.83		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	107.91	213.75	MSPGCL Total	125.93	246.73
			MSPGCL Thml+Gas	117.57	233.28	Koyna 1,2 & 4 Total	5.85	9.40
			MSPGCL Hydro	8.36	13.45	State Total	256.10	504.94

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 02/Oct/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	4375	63	395	4833	409	3834	0	0	5631	5614	-1351	13339	0	13339	2385	15724	50.01
2	4416	58	418	4892	394	3850	0	0	5522	5723	-1247	13612	0	13612	2237	15849	50.01
3	4390	63	408	4861	364	3852	0	0	5453	5621	-1218	13480	0	13480	2094	15574	50.00
4	4397	103	410	4910	344	3851	0	0	5410	5635	-1146	13594	0	13594	2004	15598	50.03
5	4409	67	411	4887	321	3851	0	0	5661	5880	-999	13940	0	13940	1968	15908	49.98
6	4526	62	410	4998	334	3839	0	0	5973	6304	-1032	14443	0	14443	2026	16469	49.94
7	4559	110	412	5081	346	3853	0	13	6803	6657	-1009	14941	0	14941	2036	16977	50.04
8	4531	217	414	5162	279	3857	0	65	7082	6970	-1086	15247	0	15247	2075	17322	50.04
9	4432	281	407	5120	215	3862	0	151	6574	6864	-1201	15011	0	15011	2184	17195	50.00
10	4384	171	405	4960	308	3868	0	221	6999	7012	-1312	15057	0	15057	2486	17543	49.96
11	4318	205	401	4924	355	3867	0	284	7460	7397	-1450	15377	0	15377	2685	18062	49.98
12	4356	127	396	4879	352	3775	0	324	7845	8059	-1562	15827	0	15827	2836	18663	49.99
13	4426	82	394	4902	276	3826	0	330	7601	7717	-1498	15553	0	15553	2807	18360	49.98
14	4475	111	387	4973	168	3868	0	290	7507	7964	-1517	15746	0	15746	2752	18498	50.02
15	4452	201	384	5037	164	3867	0	219	7846	8132	-1585	15834	0	15834	2818	18652	50.02
16	4449	391	394	5234	171	3851	0	153	7921	8057	-1553	15913	0	15913	2823	18736	49.94
17	4423	441	386	5250	124	3879	0	102	7220	7204	-1476	15083	0	15083	2743	17826	50.00
18	4477	893	398	5768	169	3872	0	33	6029	6420	-1349	14913	0	14913	2668	17581	50.00
19	4793	922	401	6116	211	4001	0	0	5846	6216	-1318	15226	0	15226	2731	17957	49.95
20	4800	1123	403	6326	473	4040	0	0	5840	6058	-1218	15679	0	15679	2769	18448	49.94
21	4763	667	407	5837	403	4033	0	0	5620	5684	-1214	14743	0	14743	2712	17455	49.98
22	4692	661	407	5760	278	3994	0	0	5559	5688	-1186	14534	0	14534	2644	17178	49.98
23	4542	832	406	5780	166	3812	0	0	5661	6029	-1379	14408	0	14408	2609	17017	49.98
24	4521	508	408	5437	74	3733	0	0	5707	5833	-1428	13649	0	13649	2594	16243	49.95
MUs	107.91	8.36	9.66	125.93	6.70	92.94	0.00	2.18	154.77	158.74	-31.33	355.15	0.00	355.15	59.69	414.84	49.99

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 02/Oct/2017

Position as on 6.30 Hrs of 03/Oct/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.	
CENT.SECTOR	TARAPUR 4	540	23/04/2017	19:55		Continued.	Annual Maintenance	
CENT.SECTOR	Tarapur 1	160	04/06/2017	19.09		Continued.	3 months outage for refuelling.	
MSPGCL	Khaparkhedha Unit 4	210	13/07/2017	03.36		Continued.	Drum level low. on Dated 14.07.2017 converted to zero schedule. Converted into COH from 00:00Hrs of 02.08.2017	
MSPGCL	Nasik Unit 3	210	10/08/2017	00.00	02/10/2017	17.50	Withdrawn for maintenance work. Converted to COH from 15.08.2017.	
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	
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.	Shutdown	
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	
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	VIPL U-1	300	13/06/2017	08.30		Continued.	GT WORK(Coal Shortage From 11-09-2017)	
MSPGCL	Ghatghar Unit-2	125	28/07/2017	00.00		Continued.	due to common pressure shaft with unit 1.	
MSPGCL	Ghatghar Unit-1	125	28/07/2017	00.00		Continued.	RBDV leakage attending work.	
CPP	SWPGL U-3	135	26/08/2017	17.40		Continued.	Boiler Tube Leakage	
MSPGCL	Bhusawal Unit 3	210	27/08/2017	07.43		Continued.	Coal Shortage From 29.08.2017.	
IPP	Adani U-4	660	06/09/2017	21.47		Continued.	Changeover from U-4 to U1	
MSPGCL	Koradi Unit 9	660	07/09/2017	00.38		Continued.	Coal shortage form 12.09.2017.	
MSPGCL	Khaparkhedha Unit 1	210	08/09/2017	12.23		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 6	500	09/09/2017	04.40	02/10/2017	16.45	Coal Shortage form 12.09.2017.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 02/Oct/2017

Position as on 6.30 Hrs of 03/Oct/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Chandrapur Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 3	210	12/09/2017	00.00		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	12/09/2017	00.12		Continued.	Coal Shortage	
IPP	RPL(AMT) U-3	270	17/09/2017	00.02		Continued.	Coal Shortage	
IPP	RPL(AMT) U-5	270	17/09/2017	02.01		Continued.	Coal Shortage	
RINFRA-G	REL Unit 2	250	22/09/2017	00.11		Continued.	Coal Shortage	
MSPGCL	Khaparkheda Unit 2	210	25/09/2017	06.50		Continued.	Coal Shortage	
MSPGCL	Parli Unit 7	250	28/09/2017	21.12		Continued.	Coal Shortage	
MSPGCL	Chandrapur Unit 4	210	01/10/2017	09.51	02/10/2017	01.30	DCS malfunction.	
IPP	RPL(AMT) U-2	270	02/10/2017	00.00		Continued.	Coal Shortage	
IPP	JSW (J) U3	300	02/10/2017	22.58		Continued.	PA Fan problem	
MSPGCL	Nasik Unit 4	210	03/10/2017	00.08		Continued.	Coal Shortage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 02/Oct/2017

Statement-VII

Position as on 6.30 Hrs of 03/Oct/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							
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 I	InterState	01/10/2017	18.08	02/10/2017	06.40	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	02/10/2017	13.19	03/10/2017	06.50	T	Distance Protection
Alkud-Solapur(PG)	InterState	02/10/2017	21.38	02/10/2017	22.57	T	Distance Protection
Ektuni-Bableshwar ckt I	IntraState	15/09/2017	19.16		Continued.	HT	Attending Hot Spot
Karad - Jaigad - II	IntraState	27/09/2017	20.43		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	28/09/2017	21.37		Continued.	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	29/09/2017	18.07		Continued.	HT	Over Voltage
Babhaleshwar - Padghe-I	IntraState	30/09/2017	18.01		Continued.	T	Distance Protection
Jaigad-New Koyna Ckt-I	IntraState	02/10/2017	19.20	02/10/2017	19.42	T	Distance Protection
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	NO SCHEDULE.
Maisal-Jath I	InterState	02/10/2017	21.40		Continued.	T	Distance Protection
Tillari Amona	InterState	03/10/2017	02.15		Continued.	T	Over Voltage
Mahalakshmi Amona	InterState	03/10/2017	02.21		Continued.	T	Over Voltage
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Pusad - Hingoli	IntraState	11/09/2017	20.06		Continued.	HT	Distance Relay Faulty at pusad end
Pedambe-Nerle	IntraState	23/09/2017	00.50		Continued.	T	B Phase CT Burst at Pedambe End
Adlabs - Pedambe	IntraState	02/10/2017	06.55	02/10/2017	14.45	PO	bus section 2 outage.
Pophali - Pedambe II	IntraState	02/10/2017	07.10	02/10/2017	13.40	PO	bus section 2 outage.
Pedhambe - Oni	IntraState	02/10/2017	07.12	02/10/2017	13.41	PO	bus section 2 outage.
Talandge(400kv)- Ichalkaranji 1	IntraState	02/10/2017	10.08	02/10/2017	15.54	PO	Quarterly Maintenance Work
Miraj - Ichalkaranji II	IntraState	02/10/2017	11.43	02/10/2017	16.00	HT	for controlling talangade ckt load.
Padghe - Nalasopara	IntraState	02/10/2017	11.46	02/10/2017	12.00	HT	due to sparking on isolator.
Niwali - Pawas Line	IntraState	02/10/2017	11.47	02/10/2017	12.00	T	Distance Protection
Chandrapur GCR - Sicom II	IntraState	02/10/2017	14.47	02/10/2017	16.50	PO	mainc.b.trials.
Pedhambe - Oni	IntraState	02/10/2017	17.56	02/10/2017	18.20	T	Distance Protection
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)
220/110kv 100MVA ICT-II @Miraj	IntraState	18/09/2017	11.27		Continued.	PO	Replacement Of Ict-2.
132 KV LINE Outages/Trippings							
Malegaon-Washim	IntraState	01/10/2017	00.00	02/10/2017	13.53	T	Distance Protection
Malegaon-Washim	IntraState	02/10/2017	00.46	02/10/2017	13.53	PO	y ph conductor snapped to attend breakdown.
Washim - Mangrulpir	IntraState	02/10/2017	08.00	02/10/2017	14.00	PO	for outage on 220kv malegaon - 132 kv washim.
Bableshwar - Sangamner	IntraState	02/10/2017	11.45		Continued.	T	la burst.

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