

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 28/Apr/2017 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	153.524	4299.321	1) Gujrat	-1.034	15.095
2) Hydro	17.188	479.913	2) Madhya Pradesh	14.169	338.923
3) Gas	10.543	279.825	3) Chattisgarh	7.250	161.580
Total MSPGCL	181.255	5059.059	4) Maharashtra Net	131.178	3722.164
B) 1) APML	41.382	1325.649	5) Goa (Amona)	-0.902	-18.456
2) JSWEL	19.586	596.106	Total	150.661	4219.306
3) VIPL	7.238	267.394	a) Mumbai Schedule	23.801	701.408
4) RPL(AMT)	13.046	527.970	b) Mumbai Drawl	26.610	773.086
5) WPCL	2.758	95.290	c) MSEDCL Bilateral *	31.687	1004.358
6) PGPL	0.000	0.000	Include PX	14.547	204.372
7) Other IPP	3.341	102.406	d) Mumbai Bilateral *	23.801	701.068
C) 1) TPCL Thermal	17.600	451.237	Include PX	4.908	180.136
2) TPCL Hydro	4.290	109.784	Include Standby	0.000	0.340
3) TPCL Gas	4.474	125.967	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	12.146	323.943	1) MSEDCL	405.462	11882.455
D) STATE			2) Mumbai Discoms	65.120	1784.015
1) Thermal	270.621	7989.316	TOTAL STATE	470.582	13666.470
(A1+C1+C4+(B1-B6))					
2) Hydro	21.478	589.697			
(A2+C2)					
3) Gas	15.017	405.792			
(A3+B6+C3)					
4) Wind	11.152	417.753			
6) SOLAR	1.653	44.608			
TOTAL STATE	319.921	9447.166			

* 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 24 Hrs
MSPGCL Thermal	6440	6557	6439	6564
MSPGCL Hydro	1257	1055	557	187
MSPGCL Gas	433	423	453	445
MSPGCL Total Generation	8130	8035	7449	7196
Central Sector Receipt	7367	7044	5650	5389
WIND	101	108	596	517
CPP / IPP Thermal	3703	3712	3716	3722
CPP / IPP Gas	0	0	0	0
SOLAR	239	226	0	0
Exchange with Mumbai	-1527	-1563	-1226	-1132
MSEDCL DEMAND MET	18013	17562	16185	15692
Load Shedding	343	441	200	0
MSEDCL DEMAND	18356	18003	16385	15692
TPCL GENERATION	1230	1181	1183	1010
R-INFRA GENERATION	502	504	506	506
MUMBAI DEMAND	3259	3248	2915	2648
STATE DEMAND MET	21272	20810	19100	18340
STATE DEMAND	21615	21251	19300	18340
Frequency (Hz)	49.94	49.94	49.98	49.91

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 18.35 Hrs	49.72 Hz at 01.17 Hrs	49.92	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 28/Apr/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	2.78	95.44	126	100
Unit 8	12.15	291.56	600	400
Unit 9	13.06	333.44	636	400
Unit 10	0.00	124.42	0	0
Total	27.99	844.85		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	4.16	113.83	175	170
Unit 4	10.06	272.48	500	360
Unit 5	10.10	271.90	500	360
Total	24.32	658.21		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.97	163.63	250	245
Unit 7	4.90	136.43	252	144
Unit 8	0.00	35.14	0	0
Total	10.87	335.21		
Chandrapur				
Unit 3	2.56	120.01	196	0
Unit 4	4.61	130.64	197	185
Unit 5	10.52	253.94	460	405
Unit 6	9.81	277.60	425	385
Unit 7	0.00	0.00	0	0
Unit 8	8.70	249.62	388	307
Unit 9	7.94	188.39	385	270
Total	44.13	1220.21		
Paras				
Unit 3	4.56	119.74	255	0
Unit 4	5.14	149.01	250	153
Total	9.70	268.75		
Khaparkheda				
Unit 1	4.25	115.42	190	165
Unit 2	4.02	115.16	185	150
Unit 3	4.70	122.08	200	170
Unit 4	3.03	107.25	186	0
Unit 5	11.04	267.13	490	420
Total	27.03	727.03		
Nasik				
Unit 3	0.00	36.00	0	0
Unit 4	4.78	85.91	203	195
Unit 5	4.70	123.16	202	187
Total	9.48	245.06		
Uran				
All Units	10.54	279.82	453	421
Total	10.54	279.82		
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)	0.10	2.52	33	0
Total	0.10	2.52		
Koyna				
Stage 1-2	5.24	143.48	485	40
Stage 4	6.49	179.48	898	0
Stage 3	2.55	72.33	240	0
Total	14.27	395.28		
Hydro				
KDPH	0.65	16.58	27	27
VTRNA	0.62	15.31	61	0
TILLARI	0.00	2.88	0	0
BHTGR/VEER	0.00	0.06	0	0
BHIRA T.R.	0.28	5.74	80	0
RNGR+BHTSA	0.30	7.91	13	12
BHANDARDRA	0.47	13.89	20	19
ELDARY	0.13	0.13	10	0
SMLHY_PTN	0.47	13.25	28	17
GHATGHAR	0.00	8.88	0	0
Total	2.92	84.64		
Wind				
Total	11.15	417.75	0	0
Total	11.15	417.75		
CPP				
APML(Mus)	41.38	1325.65	0	0
JSWEL(Mus)	19.59	596.11	0	0
VIPL(Mus)	7.24	267.39	0	0
RPLAMT(Mus)	13.05	527.97	0	0
WPCL(Mus)	2.76	95.29	0	0
Other(Mus)	3.34	102.41	0	0
Total	87.35	2914.82		
SOLAR				
Total	1.65	44.61	0	0
Total	1.65	44.61		
Tata				
Trombay 5	11.66	296.52	493	466
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.88	81.08	122	113
Trombay 7B	1.59	44.88	68	64
Trombay 8	5.94	154.71	249	245
TATA Hydro	4.29	109.78	459	3
Total	26.36	686.99		
R-INFRA				
DTPS U-1&2	12.15	323.94	508	502
Total	12.15	323.94		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	153.52	4299.32	MSPGCL Total	181.26	5059.06
			MSPGCL Thml+Gas	164.07	4579.15	Koyna 1,2 & 4 Total	11.72	322.95
			MSPGCL Hydro	17.19	479.91	State Total	319.92	9447.17

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 28/Apr/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	6348	176	449	6973	971	3582	0	0	5989	5808	-1028	16306	0	16306	2579	18885	49.92
2	6365	302	445	7112	870	3550	0	0	5890	6025	-833	16724	0	16724	2318	19042	49.86
3	6140	542	447	7129	866	3541	0	0	5775	5749	-740	16545	0	16545	2174	18719	49.90
4	6314	637	449	7400	729	3403	0	0	5556	6064	-658	16938	0	16938	2069	19007	49.91
5	6407	734	451	7592	476	3686	0	0	5802	5940	-615	17079	0	17079	2023	19102	49.86
6	6380	1315	451	8146	442	3525	0	0	5913	5526	-624	17015	29	17044	2054	19098	49.91
7	6433	1355	449	8237	389	3526	0	7	6395	6980	-639	18500	29	18529	2090	20619	49.91
8	6284	1057	450	7791	270	3488	0	52	6595	6571	-775	17397	29	17426	2209	19635	49.96
9	6330	1252	447	8029	176	3495	0	108	6644	6857	-1100	17565	216	17781	2583	20364	49.92
10	6390	1134	434	7958	50	3653	0	161	6561	6458	-1118	17162	215	17377	2781	20158	49.96
11	6386	935	428	7749	97	3692	0	203	7066	7096	-1365	17472	246	17718	3116	20834	49.90
12	6440	1257	433	8130	101	3703	0	239	7217	7367	-1527	18013	343	18356	3259	21615	49.94
13	6557	1055	423	8035	108	3712	0	226	7226	7044	-1563	17562	441	18003	3248	21251	49.94
14	6522	848	421	7791	106	3721	0	211	7154	7022	-1430	17421	418	17839	3130	20969	49.95
15	6499	622	424	7545	252	3766	0	185	7123	7326	-1376	17698	311	18009	3215	21224	49.84
16	6381	729	434	7544	436	3758	0	137	7121	7228	-1384	17719	247	17966	3269	21235	49.84
17	6260	759	439	7458	592	3688	0	88	6985	7243	-1392	17677	255	17932	3210	21142	49.96
18	6240	468	427	7135	576	3636	0	33	6023	6289	-1443	16226	235	16461	3158	19619	49.96
19	6420	213	430	7063	561	3634	0	3	5949	5399	-1287	15373	112	15485	2926	18411	49.99
20	6439	557	453	7449	596	3716	0	0	5501	5650	-1226	16185	200	16385	2915	19300	49.98
21	6464	407	435	7306	670	3720	0	0	5198	5288	-1201	15783	161	15944	2831	18775	49.96
22	6464	276	444	7184	683	3713	0	0	5090	5111	-1097	15594	71	15665	2670	18335	49.97
23	6497	371	435	7303	618	3720	0	0	5166	5231	-1057	15815	0	15815	2645	18460	49.92
24	6564	187	445	7196	517	3722	0	0	5507	5389	-1132	15692	0	15692	2648	18340	49.91
MUs	153.52	17.19	10.54	181.26	11.15	87.35	0.00	1.65	149.45	150.66	-26.61	405.46	3.56	409.02	65.12	474.14	49.92

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 28/Apr/2017

Position as on 6.30 Hrs of 29/Apr/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 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	
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	Nasik Unit 3	210	09/04/2017	15.50		Continued.	tripped on boiler feed pump problem and continued under zero schedule by MSEDCL	
IPP	VIPL U-1	300	13/04/2017	03.34	29/04/2017	04.36	Boiler Tube Leakage	
IPP	RPL(AMT) U-5	270	15/04/2017	08.59		Continued.	Coal Shortage	
IPP	RPL(AMT) U-4	270	15/04/2017	12.08		Continued.	Coal Shortage	
IPP	Adani U-1	660	18/04/2017	13.12		Continued.	Due to coal shortage.	
IPP	RPL(AMT) U-3	270	19/04/2017	19.30		Continued.	Coal Shortage	
CPP	SWPGL U-3	135	25/04/2017	00.01		Continued.	ESP.	
MSPGCL	Parli Unit 8	250	25/04/2017	07.52		Continued.	Turbine bearing Vabration high	
MSPGCL	Koradi Unit 10	660	25/04/2017	13.17		Continued.	Boiler Tube Leakage	
IPP	JSW (J) U2	300	27/04/2017	00.29		Continued.	ZERO SCHEDULE.	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 28/Apr/2017

Position as on 6.30 Hrs of 29/Apr/2017

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Khaparkheda Unit 4	210	27/04/2017	22.22	28/04/2017	05.59	Air Heater Motor Failure.	
MSPGCL	Chandrapur Unit 3	210	28/04/2017	06.59	28/04/2017	14.36	Turbine Tripped.	
MSPGCL	Paras Unit 3	250	28/04/2017	19.39	29/04/2017	00.26	Furnace Pressure High	
MSPGCL	Koradi Unit 7	210	28/04/2017	23.58	29/04/2017	05.01	Water Pump Flashover.	
MSPGCL	Bhusawal Unit 5	500	29/04/2017	05.28		Continued.	Flame Failure	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 28/Apr/2017

Statement-VII

Position as on 6.30 Hrs of 29/Apr/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	27/04/2017	21.19	28/04/2017	06.30	HT	Over Voltage
Dhule Sar'Sarovar II	InterState	28/04/2017	18.38		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt I	IntraState	25/04/2017	09.56		Continued.	HT	Controlling 400kv padgha bableshwar line loading.
karad -kolhapur-I	IntraState	27/04/2017	11.48		Continued.	HT	Over Voltage
Lonikand 1 - Talegaon(Pgcil)	IntraState	27/04/2017	22.30	28/04/2017	00.43	EO	Attending Hot Spot
Babhaleshwar - Padghe-I	IntraState	28/04/2017	02.43	28/04/2017	09.30	EO	Attending Hot Spot
KolhapurIII-Alkud	IntraState	28/04/2017	02.47	28/04/2017	03.41	T	Over Voltage
KolhapurIII-Alkud	IntraState	28/04/2017	04.57	28/04/2017	06.40	T	Over Voltage
KolhapurIII-Alkud	IntraState	28/04/2017	07.42	28/04/2017	08.11	T	Over Voltage
Nagothane - Dabhol-II	IntraState	28/04/2017	10.01	28/04/2017	20.29	PO	Cold Line Insulator Washing.
Deepnagar Waluj 1	IntraState	28/04/2017	11.16	28/04/2017	17.32	PO	Routine Maintenance Work
Girwali- Lonikand 2	IntraState	28/04/2017	16.17	28/04/2017	17.50	T	Distance Protection
Bhusawal-Aurangabad	IntraState	28/04/2017	20.08		Continued.	HT	Over Voltage
KolhapurIII-Alkud	IntraState	28/04/2017	20.36	29/04/2017	06.13	T	Over Voltage
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.
400/220 Kv 500 MVA ICT 3 @Kolhapur	IntraState	26/04/2017	10.00		Continued.	T	Differential protection
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	26/04/2017	10.00		Continued.	HT	HANDTRIPPED.
Nasik Navsari II	InterState	28/04/2017	03.13	28/04/2017	03.36	T	Distance Protection
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.
Harangul-Parly	IntraState	24/04/2017	18.00		Continued.	PO	Distance Relay replacement Work.
Mahape - TIFIL	IntraState	28/04/2017	08.05	28/04/2017	18.45	PO	Routine Maintenance Work
Boisar II - Tarapur	IntraState	28/04/2017	08.38		Continued.	PO	Multi Ckt Stringing Work of Boiser -Borivali Line.
Ghodbunder MSETCL Boisar line	IntraState	28/04/2017	08.55	28/04/2017	16.15	PO	Line Stringing Work.
Niwali - Pawas Line	IntraState	28/04/2017	09.10	28/04/2017	16.30	PO	Cold Line Washing of Insulator
Badnera-Akola li	IntraState	28/04/2017	10.00	28/04/2017	15.05	PO	Measurement of Tandelta of CT's & CC's.CB Timing of CRM.
Osmanabad - Solapur (Bale)	IntraState	28/04/2017	10.16	28/04/2017	15.14	PO	Routine Maintenance Work
Pophali - Nerale	IntraState	28/04/2017	11.15	29/04/2017	01.25	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)

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