

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 25/May/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	141.586	3627.519	1) Gujrat	-2.965	-74.393
2) Hydro	9.008	636.630	2) Madhya Pradesh	13.697	390.296
3) Gas	7.061	184.290	3) Chattisgarh	6.250	174.670
Total MSPGCL	157.655	4448.439	4) Maharashtra Net	129.226	3270.519
B) 1) APML	59.692	1159.494	5) Goa (Amona)	-0.088	-8.316
2) JSWEL	27.780	692.154	Total	146.120	3752.776
3) VIPL	7.298	140.615	a) Mumbai Schedule	28.265	730.081
4) RPL(AMT)	19.686	397.981	b) Mumbai Drawl	34.593	787.318
5) WPCL	5.254	105.163	c) MSEDCL Bilateral *	52.236	1157.523
6) PGPL	0.000	0.000	Include PX	12.355	281.539
7) Other IPP	15.769	272.696	d) Mumbai Bilateral *	28.265	729.816
C) 1) TPCL Thermal	16.984	416.938	Include PX	11.069	295.251
2) TPCL Hydro	5.695	131.560	Include Standby	0.000	0.265
3) TPCL Gas	2.493	64.504	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.669	293.453	1) MSEDCL	440.229	10851.716
D) STATE			2) Mumbai Discoms	71.435	1693.759
1) Thermal	305.718	7106.013	TOTAL STATE	511.664	12545.475
(A1+C1+C4+(B1-B6))					
2) Hydro	14.703	768.190			
(A2+C2)					
3) Gas	9.554	248.794			
(A3+B6+C3)					
4) Wind	29.568	520.525			
6) SOLAR	6.000	149.191			
TOTAL STATE	365.543	8792.713			

* 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 17 Hrs	C. Evening Peak at 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	6028	5768	5891	5763
MSPGCL Hydro	252	1113	374	172
MSPGCL Gas	293	294	290	301
MSPGCL Total Generation	6573	7175	6555	6236
Central Sector Receipt	6588	7109	5456	5654
WIND	1184	1042	1220	1535
CPP / IPP Thermal	5455	5752	5788	5675
CPP / IPP Gas	0	0	0	0
SOLAR	804	323	0	0
Exchange with Mumbai	-1991	-1627	-1307	-1112
MSEDCL DEMAND MET	18613	19774	17712	17988
Load Shedding	0	0	0	0
MSEDCL DEMAND	18613	19774	17712	17988
TPCL GENERATION	1006	1293	1213	802
R-INFRA GENERATION	419	498	501	499
MUMBAI DEMAND	3416	3418	3021	2413
STATE DEMAND MET	22029	23192	20733	20401
STATE DEMAND	22029	23192	20733	20401
Frequency (Hz)	49.97	49.94	49.96	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 13.02 Hrs	49.75 Hz at 15.23 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 25/May/2018

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	7.22	205.01	330	285
Unit 9	7.12	219.23	332	261
Unit 10	7.12	206.12	331	270
Total	21.47	630.36		
Bhusawal				
Unit 3	0.00	79.04	0	0
Unit 4	9.50	224.66	430	370
Unit 5	10.30	253.79	445	415
Total	19.80	557.50		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.02	122.95	175	161
Unit 7	3.91	122.48	176	151
Unit 8	3.96	117.07	174	161
Total	11.90	362.49		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	10.96	255.36	462	450
Unit 6	0.00	0.00	0	0
Unit 7	10.54	205.39	453	358
Unit 8	10.61	243.20	457	419
Unit 9	11.02	244.14	466	450
Total	43.13	948.09		
Paras				
Unit 3	5.94	142.99	250	239
Unit 4	6.00	130.26	252	250
Total	11.95	273.25		
Khaparkheda				
Unit 1	3.53	90.38	160	120
Unit 2	3.84	97.90	195	140
Unit 3	3.08	97.99	180	0
Unit 4	3.59	96.95	200	0
Unit 5	10.61	258.33	500	400
Total	24.66	641.56		
Nasik				
Unit 3	1.29	1.29	171	18
Unit 4	4.56	108.70	200	180
Unit 5	2.83	104.27	187	0
Total	8.68	214.27		
Uran				
All Units	7.06	184.29	302	280
Total	7.06	184.29		
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)	0.16	2.38	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.16	2.38		
Koyna				
Stage 1-2	3.54	163.16	455	40
Stage 4	1.86	309.31	500	0
Stage 3	1.86	103.56	212	0
Total	7.27	576.03		
Hydro				
KDPH	0.35	16.05	15	14
VTRNA	0.00	0.00	0	0
TILLARI	0.12	3.17	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.36	7.40	80	0
RNGR+BHTSA	0.26	6.78	11	10
BHANDARDRA	0.00	11.62	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.35	8.96	22	12
GHATGHAR	0.30	6.62	125	0
Total	1.74	60.60		
Wind				
Total	29.57	520.52	0	0
Total	29.57	520.52		
CPP				
APML(Mus)	59.69	1159.49	0	0
JSWEL(Mus)	27.78	692.15	0	0
VIPL(Mus)	7.30	140.62	0	0
RPLAMT(Mus)	19.69	397.98	0	0
WPCL(Mus)	5.25	105.16	0	0
Other(Mus)	15.77	272.70	0	0
Total	135.48	2768.10		
SOLAR				
Total	6.00	149.19	0	0
Total	6.00	149.19		
Tata				
Trombay 5	11.26	276.06	478	447
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.43	36.74	88	44
Trombay 7B	1.06	27.76	56	36
Trombay 8	5.72	140.88	244	228
TATA Hydro	5.70	131.56	438	6
Total	25.17	613.00		
R-INFRA				
DTPS U-1&2	11.67	293.45	501	378
Total	11.67	293.45		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	141.59	3627.52	MSPGCL Total	157.66	4448.44
			MSPGCL Thml+Gas	148.65	3811.81	Koyna 1,2 & 4 Total	5.40	472.48
			MSPGCL Hydro	9.01	636.63	State Total	365.54	8792.71

State Load Despatch Center,Airoli (MSETCL)
Hourly Load Data As on 25/May/2018

Annexure-2

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	6110	806	292	7208	1274	5714	0	0	5309	5606	-1492	18310	0	18310	2968	21278	50.02
2	6095	593	300	6988	1389	5701	0	0	5238	5853	-1315	18616	0	18616	2739	21355	49.97
3	6002	272	302	6576	1543	5659	0	0	5436	5664	-1180	18262	0	18262	2571	20833	50.01
4	5855	302	300	6457	1423	5653	0	0	5412	5624	-1143	18014	0	18014	2457	20471	50.02
5	5763	172	301	6236	1535	5675	0	0	5486	5654	-1112	17988	0	17988	2413	20401	50.01
6	5748	167	290	6205	1547	5688	0	0	6097	5968	-1121	18287	0	18287	2427	20714	49.99
7	5723	425	302	6450	1415	5629	0	37	6142	6387	-1041	18877	0	18877	2375	21252	50.02
8	5806	370	299	6475	1207	5534	0	183	5952	6104	-1132	18371	0	18371	2462	20833	49.99
9	5919	188	299	6406	1181	5512	0	401	5944	6055	-1424	18131	0	18131	2748	20879	49.97
10	6023	170	288	6481	1057	5576	0	608	6029	5989	-1680	18031	0	18031	3056	21087	49.98
11	6044	252	297	6593	1189	5547	0	738	6262	5851	-1864	18054	0	18054	3299	21353	49.99
12	6028	252	293	6573	1184	5455	0	804	7022	6588	-1991	18613	0	18613	3416	22029	49.97
13	5965	192	282	6439	1220	5408	0	821	7267	6817	-1955	18750	0	18750	3414	22164	49.93
14	5907	78	282	6267	1021	5317	0	776	6935	7360	-1751	18990	0	18990	3324	22314	50.01
15	5917	249	291	6457	917	5630	0	664	6915	7020	-1684	19004	0	19004	3445	22449	49.92
16	5949	857	280	7086	925	5735	0	490	6898	6995	-1694	19537	0	19537	3487	23024	49.87
17	5768	1113	294	7175	1042	5752	0	323	6910	7109	-1627	19774	0	19774	3418	23192	49.94
18	5813	969	286	7068	876	5791	0	141	6377	6305	-1522	18659	0	18659	3285	21944	49.97
19	5845	396	297	6538	1021	5759	0	14	5447	5519	-1335	17516	0	17516	3105	20621	49.98
20	5865	413	298	6576	1093	5789	0	0	5349	5429	-1322	17565	0	17565	3085	20650	49.89
21	5891	374	290	6555	1220	5788	0	0	5387	5456	-1307	17712	0	17712	3021	20733	49.96
22	5942	102	299	6343	1356	5787	0	0	5408	5308	-1285	17509	0	17509	2947	20456	49.94
23	5833	118	300	6251	1477	5690	0	0	5513	5534	-1270	17682	0	17682	2952	20634	49.92
24	5775	178	299	6252	1456	5690	0	0	5600	5924	-1346	17976	0	17976	3020	20996	49.96
MUs	141.59	9.01	7.06	157.65	29.57	135.48	0.00	6.00	144.33	146.12	-34.59	440.23	0.00	440.23	71.43	511.66	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 25/May/2018

Position as on 6.30 Hrs of 26/May/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
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	
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	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Koradi Unit 7	210	07/01/2018	17.00		Continued.	Poor Coal Receipt.	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Tripped on Thrust Bearing	
IPP	VIPL U-1	300	01/04/2018	00.26		Continued.	Coal Shortage	
MSPGCL	Nasik Unit 3	210	10/04/2018	09.58	25/05/2018	14.23	Boiler Tube Leakage	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
CENT.SECTOR	TARAPUR-3	540	02/05/2018	20.01		Continued.	Problem In Reactor	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	12/05/2018	19.16		Continued.	Due To Unit 7 Outage.	
MSPGCL	Uran Unit 7	108	12/05/2018	19.30		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL INTER CHANGE.	
IPP	Adani U-5	660	24/05/2018	08.53		Continued.	Due To Bottom Hopper Developed Crack And Heavy Water Leakage.	
MSPGCL	Khaparkheda Unit 3	210	25/05/2018	03.03	25/05/2018	07.04	Low furnace pressure	
MSPGCL	Nasik Unit 5	210	25/05/2018	16.00		Continued.	Boiler Inspection work	
MSPGCL	Khaparkheda Unit 4	210	25/05/2018	22.04	26/05/2018	02.03	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 25/May/2018

Statement-VII

Position as on 6.30 Hrs of 26/May/2018

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	22/05/2018	18.15	25/05/2018	08.33	HT	Over Voltage
Dabhol Newkoyana li	InterState	25/05/2018	09.04	25/05/2018	18.16	PO	Line Maintenance work
Dhule Sar'Sarovar I	InterState	25/05/2018	18.03		Continued.	T	DT Send Master Trip.
Chandrapur - Parli	IntraState	25/05/2018	10.43	25/05/2018	17.42	PO	Routine Maintenance Work
400 KV ICT Outages/Trippings							
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220kv, 500 Mva ICT-1 @Deepnagar	IntraState	25/05/2018	06.43	25/05/2018	14.05	PO	Routine Maintenance Work
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.
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.
Sonkhar - Trombay	IntraState	15/05/2018	23.50		Continued.	PO	REPLACEMENT OF HTLS CONDUCTOR.
Colourchem - Temghar	IntraState	25/05/2018	05.18	25/05/2018	07.56	T	Attending Hot Spot
Dhule-Chalisagaon	IntraState	25/05/2018	09.01	25/05/2018	15.51	PO	Checking And Reconnection Of LA Counters To Get Proper LCM Results.
Khadka-Bhadli-1	IntraState	25/05/2018	09.08	25/05/2018	12.11	PO	Diagnostic Testing Work.
Gorai MSETCL Borivali Line-1	IntraState	25/05/2018	09.08	25/05/2018	21.07	PO	Routine Maintenance Work
Jambhul - Pal	IntraState	25/05/2018	09.25	25/05/2018	19.20	PO	Bus Section Outage.
Adlabs - Pedambe	IntraState	25/05/2018	10.45	25/05/2018	19.10	PO	Line Maintenance work
New Koyana - Niwali	IntraState	25/05/2018	11.45	25/05/2018	12.33	T	Distance Protection
Khadka-Bhadli-2	IntraState	25/05/2018	14.05	25/05/2018	17.13	PO	Diagnostic Testing Work.
Shivajinagar-Gangapur	IntraState	25/05/2018	15.40	25/05/2018	20.26	PO	Line Maintenance work
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(repaired and ready for commissioning)
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	24/11/2017	01.58		Continued.	T	Buchholz PRV Operated(Failed on Internal Fault)
220/132 Kv 200 Mva Emco Ict 2 @Ambazari	IntraState	25/05/2018	06.40	25/05/2018	11.44	PO	CT Replacement Work.
220/132 Kv 200 MVA ICT I @Dhule	IntraState	25/05/2018	08.06	25/05/2018	11.53	PO	Premonsoon Maintenance Work And Diagnostic Testing Work.
220/100 Kv 200 MVA ICT-II @Trombay	IntraState	25/05/2018	08.11	26/05/2018	00.03	PO	P T Replacement.
220/100 Kv 200 MVA ICT I @Pal-Dombivali	IntraState	25/05/2018	09.25	25/05/2018	18.59	PO	Bus Section Outage.
220/132 kv 200MVA ICT II @ Girwali	IntraState	25/05/2018	10.25	25/05/2018	11.16	PO	OLTC Tank Oil Top Up Work.

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