

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

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	81.270	2549.727	1) Gujrat	-1.428	-54.493
2) Hydro	6.816	175.267	2) Madhya Pradesh	10.676	200.357
3) Gas	9.738	154.284	3) Chattisgarh	4.220	118.960
Total MSPGCL	97.824	2879.278	4) Maharashtra Net	101.705	2545.266
B) 1) APML	66.186	1361.488	5) Goa (Amona)	-0.572	-16.280
2) JSWEL	18.092	385.053	Total	114.601	2793.810
3) VIPL	5.080	125.465	a) Mumbai Schedule	19.778	557.311
4) RPL(AMT)	10.753	526.491	b) Mumbai Drawl	23.443	662.382
5) WPCL	1.309	96.774	c) MSEDCL Bilateral *	21.774	492.046
6) PGPL	0.000	0.000	Include PX	1.129	14.340
7) Other IPP	7.388	108.049	d) Mumbai Bilateral *	19.778	557.311
C) 1) TPCL Thermal	13.203	335.608	Include PX	5.689	179.985
2) TPCL Hydro	5.771	114.813	Include Standby	0.000	0.000
3) TPCL Gas	3.627	90.706	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	9.319	236.484	1) MSEDCL	342.880	8973.126
D) STATE			2) Mumbai Discoms	55.363	1439.993
1) Thermal	212.600	5725.139	TOTAL STATE	398.243	10413.119
(A1+C1+C4+(B1-B6))					
2) Hydro	12.587	290.080			
(A2+C2)					
3) Gas	13.365	244.990			
(A3+B6+C3)					
4) Wind	40.804	1269.516			
6) SOLAR	4.286	89.584			
TOTAL STATE	283.642	7619.309			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 10 Hrs	B. Day Peak at 13 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	3419	3368	3620	3360
MSPGCL Hydro	477	241	691	192
MSPGCL Gas	402	395	407	412
MSPGCL Total Generation	4298	4004	4718	3964
Central Sector Receipt	5374	5220	4783	3795
WIND	1906	2088	1672	1384
CPP / IPP Thermal	4632	4552	4802	4490
CPP / IPP Gas	0	0	0	0
SOLAR	481	501	0	0
Exchange with Mumbai	-1208	-1346	-864	-737
MSEDCL DEMAND MET	15483	15019	15111	12896
Load Shedding	0	0	0	0
MSEDCL DEMAND	15483	15019	15111	12896
TPCL GENERATION	964	1025	1274	614
R-INFRA GENERATION	375	376	457	375
MUMBAI DEMAND	2547	2747	2595	1726
STATE DEMAND MET	18030	17766	17706	14622
STATE DEMAND	18030	17766	17706	14622
Frequency (Hz)	50.01	50.04	49.96	50.07

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.15 Hz at 03:58 Hrs	49.83 Hz at 18:39 Hrs	50	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/Aug/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.60	0	0
Unit 7	0.00	3.92	0	0
Unit 8	0.00	177.30	0	0
Unit 9	4.69	203.20	269	142
Unit 10	0.00	0.00	0	0
Total	4.69	385.01		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	85.26	0	0
Unit 5	11.01	238.80	500	355
Total	11.01	324.05		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	0.00	0.00	0	0
Unit 7	5.56	113.68	248	180
Unit 8	5.45	129.93	245	188
Total	11.00	243.62		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	3.23	82.98	176	106
Unit 5	5.98	197.13	264	235
Unit 6	5.22	132.16	235	200
Unit 7	4.59	202.42	245	0
Unit 8	0.00	168.88	0	0
Unit 9	7.40	115.61	355	289
Total	26.42	899.19		
Paras				
Unit 3	4.60	118.14	226	170
Unit 4	4.62	115.54	212	175
Total	9.23	233.67		
Khaparkheda				
Unit 1	0.00	33.37	0	0
Unit 2	0.00	64.05	0	0
Unit 3	1.72	44.42	125	0
Unit 4	3.70	87.00	160	144
Unit 5	9.60	135.81	456	350
Total	15.01	364.64		
Nasik				
Unit 3	3.91	72.63	183	150
Unit 4	0.00	26.91	0	0
Unit 5	0.00	0.00	0	0
Total	3.91	99.54		
Uran				
All Units	9.74	154.28	419	393
Total	9.74	154.28		
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)	0.07	1.66	43	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.07	1.66		
Koyna				
Stage 1-2	1.44	43.57	230	40
Stage 4	0.00	17.65	0	0
Stage 3	0.94	28.43	144	0
Total	2.37	89.65		
Hydro				
KDPH	0.85	17.27	36	34
VTRNA	1.15	11.79	61	0
TILLARI	0.72	18.44	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.43	10.56	80	0
RNGR+BHTSA	0.37	3.91	16	15
BHANDARDRA	0.35	8.52	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.46	12.39	27	16
GHATGHAR	0.12	2.74	100	0
Total	4.44	85.61		
Wind				
Total	40.80	1269.52	0	0
Total	40.80	1269.52		
CPP				
APML(Mus)	66.19	1361.49	0	0
JSWEL(Mus)	18.09	385.05	0	0
VIPL(Mus)	5.08	125.46	0	0
RPLAMT(Mus)	10.75	526.49	0	0
WPCL(Mus)	1.31	96.77	0	0
Other(Mus)	7.39	108.05	0	0
Total	108.81	2603.32		
SOLAR				
Total	4.29	89.58	0	0
Total	4.29	89.58		
Tata				
Trombay 5	8.07	205.46	471	299
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.19	56.16	112	63
Trombay 7B	1.43	34.55	66	51
Trombay 8	5.14	130.14	240	197
TATA Hydro	5.77	114.81	452	0
Total	22.60	541.13		
R-INFRA				
DTPS U-1&2	9.32	236.48	484	374
Total	9.32	236.48		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	81.27	2549.73	MSPGCL Total	97.82	2879.28
			MSPGCL Thml+Gas	91.01	2704.01	Koyna 1,2 & 4 Total	1.44	61.22
			MSPGCL Hydro	6.82	175.27	State Total	283.64	7619.31

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 25/Aug/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	3362	182	413	3957	1255	4565	0	0	4651	4093	-1020	12850	0	12850	2059	14909	50.00
2	3339	193	401	3933	1379	4485	0	0	4385	3934	-887	12844	0	12844	1892	14736	50.01
3	3308	182	411	3901	1383	4487	0	0	4175	3897	-804	12864	0	12864	1793	14657	49.98
4	3360	192	412	3964	1384	4490	0	0	4187	3795	-737	12896	0	12896	1726	14622	50.07
5	3393	182	413	3988	1439	4487	0	0	4292	4158	-702	13370	0	13370	1719	15089	50.01
6	3372	192	413	3977	1653	4588	0	1	4588	4314	-595	13938	0	13938	1815	15753	50.03
7	3382	187	403	3972	1619	4614	0	26	5390	5329	-388	15172	0	15172	1916	17088	50.00
8	3372	206	414	3992	1549	4579	0	155	5727	5712	-605	15382	0	15382	2049	17431	50.04
9	3372	413	412	4197	1703	4631	0	336	5501	5452	-908	15411	0	15411	2269	17680	49.99
10	3419	477	402	4298	1906	4632	0	481	5436	5374	-1208	15483	0	15483	2547	18030	50.01
11	3387	436	397	4220	1685	4543	0	565	5353	5114	-1402	14725	0	14725	2738	17463	50.04
12	3463	420	415	4298	1646	4536	0	393	5434	5520	-1417	14976	0	14976	2814	17790	50.02
13	3368	241	395	4004	2088	4552	0	501	5479	5220	-1346	15019	0	15019	2747	17766	50.04
14	3187	202	393	3782	2208	4431	0	589	5127	4875	-1286	14599	0	14599	2612	17211	50.02
15	3217	193	404	3814	2390	4165	0	444	5129	5040	-1218	14635	0	14635	2596	17231	49.99
16	3242	186	394	3822	2336	4083	0	402	5016	4879	-1199	14323	0	14323	2576	16899	50.00
17	3261	308	405	3974	2319	4122	0	267	4795	4911	-1169	14424	0	14424	2550	16974	49.99
18	3332	321	407	4060	2120	4423	0	106	5099	4802	-1243	14268	0	14268	2512	16780	49.98
19	3503	369	397	4269	1709	4654	0	20	5052	5047	-1153	14546	0	14546	2523	17069	49.94
20	3620	691	407	4718	1672	4802	0	0	4757	4783	-864	15111	0	15111	2595	17706	49.96
21	3510	357	401	4268	1473	4853	0	0	4696	4822	-760	14656	0	14656	2523	17179	49.99
22	3509	266	419	4194	1228	4797	0	0	4663	4689	-754	14154	0	14154	2405	16559	49.99
23	3479	234	401	4114	1243	4715	0	0	4747	4678	-763	13987	0	13987	2254	16241	49.95
24	3513	186	409	4108	1417	4569	0	0	4608	4163	-1015	13242	0	13242	2133	15375	50.00
MUs	81.27	6.82	9.74	97.82	40.80	108.81	0.00	4.29	118.29	114.60	-23.44	342.88	0.00	342.88	55.36	398.24	50.00

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/Aug/2018

Position as on 6.30 Hrs of 26/Aug/2018

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 6	250	23/07/2018	00:00		Continued.	Capital Overhaul	
MSPGCL	Koradi Unit 10	660	28/07/2018	01.09		Continued.	Annual Overhaul	
IPP	JSW (J) U2	300	28/07/2018	13.48		Continued.	Annual Overhaul	
MSPGCL	Bhusawal Unit 4	500	10/08/2018	01.02		Continued.	Capital Overhaul	
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 4	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 5	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	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL Inter change	
MSPGCL	Ghatghar Unit-2	125	29/06/2018	01.12		Continued.	Stator Earth Fault	
MSPGCL	Nasik Unit 5	210	12/07/2018	00.00		Continued.	ZERO SCHEDULE.	
MSPGCL	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	VIPL U-2	300	27/07/2018	00.48		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	03/08/2018	15.54		Continued.	Poor Coal Receipt.	
MSPGCL	Nasik Unit 4	210	07/08/2018	15.35		Continued.	Coal Swapping.	
MSPGCL	Khaparkheda Unit 1	210	11/08/2018	23.57		Continued.	Poor coal Receipt	
IPP	RPL(AMT) U-4	270	17/08/2018	20.02		Continued.	zero schedule by MSEDCL.	
IPP	RPL(AMT) U-2	270	17/08/2018	23.00		Continued.	ZERO SCHEDULE BY MSEDCL.	
IPP	RPL(AMT) U-3	270	20/08/2018	15:00		Continued.	Zero Schedule by MSEDCL.	
MSPGCL	Khaparkheda Unit 2	210	21/08/2018	00.00		Continued.	Wet coal.	
CPP	SWPGL U-4	135	22/08/2018	00.08		Continued.	Change over relay and electrical fault.	
MSPGCL	Chandrapur Unit-8	500	23/08/2018	08.37		Continued.	poor coal receipt.	
MSPGCL	Koradi Unit-8	660	23/08/2018	14.49		Continued.	Master Fuel Trip	
MSPGCL	Koradi Unit 6	210	24/08/2018	06.28	25/08/2018	18:28	Coal mill problem	
IPP	Dhariwal	300	24/08/2018	14.01		Continued.	POOR COAL RECEIPT.	
IPP	RPL(AMT) U-5	270	24/08/2018	18.05		Continued.	MASTER FUEL TRIPPED.	
CPP	SWPGL U-3	135	24/08/2018	23.00	25/08/2018	08.47	BUS BAR OPERATED 220KV WARORA S/ST.	
MSPGCL	Khaparkheda Unit 3	210	24/08/2018	23.04	25/08/2018	02.01	CONDENSRE VACUM LOW.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 25/Aug/2018

Position as on 6.30 Hrs of 26/Aug/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
CPP	SWPGL U-3	135	25/08/2018	13.50	25/08/2018	16.20	Coal bunkering problem	
MSPGCL	Chandrapur Unit 7	500	25/08/2018	20:10		Continued.	Poor Coal Receipt.	
MSPGCL	Koradi Unit 6	210	25/08/2018	21:27		Continued.	Main Stream Temp.low.	
MSPGCL	Uran Unit 6	108	26/08/2018	06:41	26/08/2018	08:43	Generator T/F Fault.	
MSPGCL	Uran Unit 6	108	26/08/2018	09:13	26/08/2018	09:38	Generator T/F Fault.	

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

Statement-VII

Position as on 6.30 Hrs of 26/Aug/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 I	InterState	16/08/2018	03.38		Continued.	T	Distance Protection
Dhule - Bableshwar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule- Bableshwar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Karad-Jaigad - I	IntraState	18/08/2018	23.32		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	23/08/2018	18.18		Continued.	HT	Over Voltage
Bus Coupler @ Kalwa	IntraState	25/08/2018	06.17	25/08/2018	11.42	PO	TO CONNECTS TRIPPING CONTACT OF BUS BAR RELAY.
Bus Coupler @ Parly(Girwali)	IntraState	25/08/2018	12.25		Continued.	HT	Bus Bar Protection Operated
Padghe - Kalwa-II	IntraState	26/08/2018	09:49	26/08/2018	14:42	PO	Relay Replacement work.
400 KV ICT Outages/Trippings							
400/220/33 kV 315 MVA ICT-I @Chandrapur	IntraState	25/08/2018	08.57	25/08/2018	20.57	PO	Relay Testing Work
400/220 Kv 500 Mva Ict 1 @Lamboti	IntraState	25/08/2018	10.35	25/08/2018	17.38	PO	Painting of ICT
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	26/08/2018	06:46	26/08/2018	09:06	PO	Attending Hot Spot
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.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To control line loading for availing outage on PG ckt 3.
Sonkhar - Trombay	IntraState	10/08/2018	08.49		Continued.	PO	Conductor Replacement Work.
Wpcl-Warora 2	IntraState	24/08/2018	22.58	25/08/2018	00.38	T	220KV BUS SECTION (III)BUS BAR PROTECTION OPERATED.
BHUGAON WARORA CKT-II	IntraState	24/08/2018	22.58	25/08/2018	00.35	T	220KV BUS SECTION (III)BUS BAR PROTECTION OPERATED.
BHUGAON WARORA CKT-I	IntraState	24/08/2018	22.58	25/08/2018	00.35	T	220KV BUS SECTION (III)BUS BAR PROTECTION OPERATED.
Wpcl-Warora 1	IntraState	24/08/2018	22.58	25/08/2018	00.46	T	220KV BUS SECTION (III)BUS BAR PROTECTION OPERATED.
Pedhambe - Oni	IntraState	25/08/2018	08.57	25/08/2018	20.57	PO	Attending Hot Spot
Bableshwar Ahamadnagar-li	IntraState	25/08/2018	10.48	25/08/2018	16.16	PO	LTS/LBB Initiation wiring work
Karad -Mudshingi Ckt- IV	IntraState	25/08/2018	13.14		Continued.	T	Distance Protection
Kandalgaon - Sona Alloys	IntraState	25/08/2018	21.02		Continued.	T	Distance Protection
Talandage - Sawantwadi I	IntraState	25/08/2018	21.38		Continued.	T	Distance Protection
Bhugaon-WardhaPG (Deoli)	IntraState	26/08/2018	08:57	26/08/2018	09:59	PO	R-Phase CT Hot Spot.
Ghatghar - Jindal	IntraState	26/08/2018	18:46	26/08/2018	19:28	T	Tripped on B-Ph E/F.
220 KV ICT Outages/Trippings							
220/132 Kv 200 Mva Emco Ict 2 @Raymond (Nasik 2)	IntraState	18/08/2018	22.50		Continued.	HT	due to sparking on R-PH HV bushing.
220/132 KV ICT-2 @Nagar	IntraState	25/08/2018	10.06	25/08/2018	16.31	PO	Replacement work
132 KV LINE Outages/Trippings							

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 25/Aug/2018

Statement-VII

Position as on 6.30 Hrs of 26/Aug/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kardha-Asgaon	IntraState	26/08/2018	20.24	26/08/2018	20.36	T	Distance Protection