

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Jun/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	146.173	4002.696	1) Gujrat	-2.834	-85.189
2) Hydro	1.544	95.817	2) Madhya Pradesh	4.750	154.196
3) Gas	6.666	161.957	3) Chattisgarh	2.850	89.060
Total MSPGCL	154.383	4260.470	4) Maharashtra	129.666	3021.692
B) 1) APML	44.814	1727.568	5) Goa (Amona)	-0.330	-10.054
2) JSWEL	25.182	625.100	Total	134.102	3169.705
3) VIPL	0.000	0.000	a) Mumbai Schedule	28.930	758.334
4) RPL(AMT)	28.396	511.043	b) Mumbai Drawl	34.704	931.388
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	19.648	294.016
6) Other IPP	7.109	181.341	Include PX	4.416	-95.544
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.930	758.334
C) 1) TPCL Thermal	14.500	350.952	Include PX	10.149	299.947
2) TPCL Hydro	4.519	97.392	Standby	0.000	0.000
3) TPCL Gas	4.365	107.211	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.328	254.300	1) MSEDCL	390.369	10502.999
D) STATE			2) Mumbai Discoms	68.412	1741.244
1) Thermal	276.502	7653.000	TOTAL STATE	458.781	12244.243
(A1+C1+C4+(B1-B6))					
2) Hydro	6.063	193.209			
(A2+C2)					
3) Gas	11.031	269.168			
(A3+B7+C3)					
4) Wind	24.924	802.576			
6) SOLAR	6.163	156.584			
TOTAL STATE	324.683	9074.537			

* 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 4 Hrs
MSPGCL Thermal	5893	6234	6649	5898
MSPGCL Hydro	46	48	108	44
MSPGCL Gas	270	261	275	277
MSPGCL Total Generation	6210	6544	7032	6220
Central Sector Receipt	6655	5348	4777	5414
WIND	348	1668	2435	454
CPP / IPP Thermal	4710	4439	4035	4422
CPP / IPP Gas	0	0	0	0
SOLAR	815	479	0	0
Exchange with Mumbai	-1691	-1691	-1622	-1138
MSEDCL DEMAND MET	17046	16786	16658	15372
Load Shedding	0	0	0	0
MSEDCL DEMAND	17046	16786	16658	15372
TPCL GENERATION	1158	1235	982	700
AEML GENERATION	499	460	375	375
MUMBAI DEMAND	3348	3386	2979	2213
STATE DEMAND MET	20394	20172	19636	17584
STATE DEMAND	20394	20172	19636	17584
Frequency (Hz)	50.04	50.04	50.00	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.23 Hz at 08.02 Hrs	49.86 Hz at 00.06 Hrs	50.02	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 26/Jun/2019

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	3.42	88.24	155	130
Unit 7	3.12	68.64	140	115
Unit 8	2.02	207.25	200	0
Unit 9	6.09	234.85	450	125
Unit 10	7.43	235.08	417	206
Total	22.09	834.07		
Bhusawal				
Unit 3	4.15	29.11	185	160
Unit 4	11.22	259.62	505	360
Unit 5	3.66	206.37	455	0
Total	19.03	495.10		
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	0.00	11.63	0	0
Unit 8	0.00	11.77	0	0
Total	0.00	23.39		
Chandrapur				
Unit 3	4.22	111.39	190	160
Unit 4	3.94	92.00	174	151
Unit 5	9.55	245.50	410	365
Unit 6	10.38	254.62	460	360
Unit 7	9.79	176.50	425	365
Unit 8	10.01	277.30	466	360
Unit 9	10.01	271.67	470	360
Total	57.90	1428.98		
Paras				
Unit 3	5.59	147.10	255	209
Unit 4	5.29	144.05	250	174
Total	10.88	291.15		
Khaparkheda				
Unit 1	2.62	76.44	130	75
Unit 2	3.23	74.52	160	95
Unit 3	3.75	92.04	175	133
Unit 4	3.55	93.66	160	140
Unit 5	10.49	276.92	451	400
Total	23.64	613.57		
Nasik				
Unit 3	4.26	106.84	189	160
Unit 4	4.48	107.78	203	161
Unit 5	3.89	101.82	176	154
Total	12.64	316.43		
Uran				
All Units	6.67	161.96	356	259
Total	6.67	161.96		
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)	0.00	0.01	0	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.00	0.01		
Koyna				
Stage 1-2	0.96	35.65	125	30
Stage 4	0.00	0.56	0	0
Stage 3	0.07	9.35	40	0
Total	1.03	45.56		
Hydro				
KDPH	0.18	8.16	8	8
VTRNA	0.00	17.02	0	0
TILLARI	0.00	0.97	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	5.67	40	0
RNGR+BHTSA	0.00	1.71	0	0
BHANDARDRA	0.00	1.48	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.04	2.08	2	1
GHATGHAR	0.00	13.16	0	0
Total	0.52	50.26		
Wind				
Total	24.92	802.58	0	0
Total	24.92	802.58		
CPP				
APML(Mus)	44.81	1727.57	0	0
JSWEL(Mus)	25.18	625.10	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	28.40	511.04	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	7.11	181.34	0	0
Total	105.50	3045.05		
SOLAR				
Total	6.16	156.58	0	0
Total	6.16	156.58		
Tata				
Trombay 5	9.42	222.17	481	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.78	67.52	117	111
Trombay 7B	1.59	39.69	67	65
Trombay 8	5.08	128.78	235	198
TATA Hydro	4.52	97.39	428	0
Total	23.38	555.56		
AEML				
DTPS U-1&2	10.33	254.30	499	374
Total	10.33	254.30		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	146.17	4002.70	MSPGCL Total	154.38	4260.47
			MSPGCL Thml+Gas	152.84	4164.65	Koyna 1,2 & 4 Total	0.96	36.21
			MSPGCL Hydro	1.54	95.82	State Total	324.68	9074.54

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Jun/2019

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	5875	44	356	6276	837	4769	0	0	5255	5313	-1277	15918	0	15918	2739	18656	50.00
2	5926	40	307	6272	762	4641	0	0	5289	5202	-1084	15794	0	15794	2504	18298	49.97
3	5906	40	276	6222	619	4465	0	0	5276	5401	-1065	15642	0	15642	2333	17974	50.03
4	5898	44	277	6220	454	4422	0	0	5157	5414	-1138	15372	0	15372	2213	17584	50.00
5	5931	44	277	6252	497	4427	0	0	5301	5464	-1095	15546	0	15546	2166	17712	49.97
6	5970	44	289	6304	359	4452	0	0	5758	6077	-971	16220	0	16220	2219	18440	49.98
7	6008	148	279	6434	236	4592	0	58	5893	6276	-893	16704	0	16704	2269	18972	50.01
8	6013	84	277	6374	188	4608	0	238	6144	6124	-1006	16526	0	16526	2395	18922	50.08
9	5922	90	276	6288	268	4579	0	447	6219	6409	-1365	16626	0	16626	2695	19320	50.07
10	5958	80	273	6310	301	4613	0	600	6255	6522	-1775	16572	0	16572	3045	19616	50.03
11	5953	80	260	6292	375	4707	0	760	6493	6447	-1764	16818	0	16818	3274	20092	50.03
12	5893	46	270	6210	348	4710	0	815	6620	6655	-1691	17046	0	17046	3348	20394	50.04
13	5890	38	272	6200	363	4664	0	790	6536	6313	-1596	16734	0	16734	3309	20044	50.04
14	6065	38	259	6362	496	4571	0	780	6215	6140	-1511	16838	0	16838	3228	20066	50.03
15	6119	38	271	6428	832	4489	0	696	6052	6038	-1725	16758	0	16758	3315	20074	49.97
16	6234	48	261	6544	1668	4439	0	479	5985	5348	-1691	16786	0	16786	3386	20172	50.04
17	6170	38	272	6480	2077	4119	0	338	5385	5170	-1793	16392	0	16392	3277	19668	50.01
18	6168	38	264	6470	2291	4010	0	141	4940	4651	-1811	15752	0	15752	3164	18916	50.07
19	6135	38	273	6446	2278	3842	0	21	4768	4563	-1621	15530	0	15530	3020	18550	50.05
20	6649	108	275	7032	2435	4035	0	0	4863	4777	-1622	16658	0	16658	2979	19636	50.00
21	6414	106	276	6796	2223	4060	0	0	4893	4689	-1595	16174	0	16174	2939	19112	49.99
22	6149	168	268	6586	2013	3981	0	0	4597	4890	-1525	15944	0	15944	2881	18826	50.06
23	6381	58	278	6718	1552	4105	0	0	4871	5221	-1539	16056	0	16056	2869	18926	50.02
24	6546	38	280	6864	1452	4201	0	0	4921	4998	-1551	15964	0	15964	2849	18814	50.06
MUs	146.17	1.54	6.67	154.38	24.92	105.50	0.00	6.16	133.69	134.10	-34.70	390.37	0.00	390.37	68.42	458.79	50.02

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 26/Jun/2019

Position as on 6.30 Hrs of 27/Jun/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CPP	SWPGL U-3	135	01/11/2018	00.28		Continued.	Annual Overhaul	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17:08		Continued.	Economic shutdown	
IPP	SWPGL U-1	135	16/02/2016	17.09		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	Uran Unit 7	108	20/07/2018	12.53		Continued.	Compressor & Turbine Blade Failure.	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	Poor Coal Receipt	
MSPGCL	Uran Unit B0	120	08/09/2018	12.19		Continued.	T/F Shifting Work.	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
MSPGCL	Parli Unit 6	250	12/12/2018	00.00		Continued.	Zero Schedule.(water shortage from 25/06/2019)	
CPP	SWPGL U-4	135	15/12/2018	00.00		Continued.	No Schedule	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal Shortage	
MSPGCL	Parli Unit 8	250	04/06/2019	00.00		Continued.	Zero Schedule (converted to AOH from 25/06/2019)	
MSPGCL	Koyana Unit 5	80	17/06/2019	08.20		Continued.	needle stuck up problem.	
MSPGCL	Koyana Unit 6	80	17/06/2019	08.40		Continued.	needle stuck up problem.	
IPP	Adani U-4	660	19/06/2019	16.09		Continued.	MS Drain Bonnet Leakage.	
IPP	Adani U-3	660	24/06/2019	09.27		Continued.	MS Drain Bonnet leakage.	
MSPGCL	Bhusawal Unit 5	500	24/06/2019	20.04	26/06/2019	12.47	Boiler Tube Leakage	
MSPGCL	Parli Unit 7	250	25/06/2019	09.45		Continued.	Water Shortage	
MSPGCL	Uran Unit 8	108	26/06/2019	01.41		Continued.	Maintenance for BO	
MSPGCL	Koradi Unit-8	660	26/06/2019	11.49		Continued.	Boiler validity Extn. Work.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 26/Jun/2019

Statement-VII

Position as on 6.30 Hrs of 27/Jun/2019

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	24/06/2019	16.33		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	25/06/2019	18.31	26/06/2019	06.51	HT	Over Voltage
Akola - Bhusawal	IntraState	26/06/2019	08.22	26/06/2019	18.50	PO	Replacement of Faulty Insulator String.
Alkud-Kolhapur(Talandage)	IntraState	26/06/2019	13.08	27/06/2019	00:28	T	Distance Protection, KH End- Z1, Y-E, 5KA, 34KM. Alk End- Z1, Y-E, 3.87KA, 16.34KM (Y Ph Insulator Decapping At LOC No.444)
Khadka-Aurangabad (Waluj)	IntraState	26/06/2019	18.45		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07		Continued.	T	Differential Protection, Declared Faulty.
400/220/33 Kv 500 Mva Ict 1 @ CHANDRAPUR 2	IntraState	12/04/2019	17.10		Continued.	HT	Due To CVT Porcelain Collars Of The ICT-1 Are Damaged.
400/220/33 Kv 315 MVA ICT II @Chandrapur GCR	IntraState	24/06/2019	14.14		Continued.	PO	Oil Filtration Work from High PPM.
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	26/06/2019	07.59	26/06/2019	12.18	T	Tripped On PRV
400/220/33 Kv 315 MVA ICT II @Babhleshwar	IntraState	26/06/2019	19.13		Continued.	HT	Safety Purpose.
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.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Balapur-Akola I	IntraState	20/06/2019	12.15		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Balapur-Akola li	IntraState	20/06/2019	12.15		Continued.	PO	New Tower Erection Work And Stringing Work At Railway Crossing.
Pedambe-Nerle	IntraState	26/06/2019	08.30	26/06/2019	17.10	PO	Line Maintenance work
Versova Aarey Line 1	IntraState	26/06/2019	09.19	26/06/2019	17.52	PO	Lilo Arrangement At Gorgaon R/S Tower No Vab 19.20.
Paranda-Barshi	IntraState	26/06/2019	10.03	26/06/2019	12.38	PO	Quarterly Maintenance Work
Ghatghar - Jindal	IntraState	26/06/2019	12.15	26/06/2019	13.00	T	Distance Protection At Ghatghar End Only.
Ambazari-Amravati	IntraState	26/06/2019	15.04	26/06/2019	16.33	T	Distance Protection operated, AR Optd, Z1, B-E, IF=3.36KA, Dist=47.8KM, LL=120KM, AMT=Z1, B-E, 75.5KM, 2.04KA, Trip On Reclose.
UTECH SUGAR BABHALESHWAR	IntraState	26/06/2019	18.03	26/06/2019	19.03	T	Distance Protection, 19.7KM, B-Ph. 6.708KA.
220 KV ICT Outages/Trippings							
220/132 Kv 200 MVA ICT II @Kalmeshwar	IntraState	26/06/2019	10.33	26/06/2019	14.34	EO	Oil Leakage from HV B-Ph CT.
132 KV LINE Outages/Trippings							
Amalner - Nardhana	IntraState	23/06/2019	20.02		Continued.	T	DISTANCE PROTECTION NRD--> Y, PHASE, IY=8.33KA, IB=8.309KA, 45.86KM 5 NO TOWERS COLLAPSED TOWER NO 9 TO 13 FROM AMALNER

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