

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 21/Jun/2018 THURSDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	126.761	2647.978	1) Gujrat	-6.558	-135.602
2) Hydro	11.795	172.606	2) Madhya Pradesh	10.428	220.373
3) Gas	6.620	176.553	3) Chattisgarh	7.340	129.220
Total MSPGCL	145.176	2997.137	4) Maharashtra Net	124.588	2539.444
B) 1) APML	47.850	800.731	5) Goa (Amona)	-0.330	-5.522
2) JSWEL	13.424	493.082	Total	135.468	2747.913
3) VIPL	5.938	162.648	a) Mumbai Schedule	23.056	603.642
4) RPL(AMT)	18.916	364.131	b) Mumbai Drawl	31.727	660.040
5) WPCL	2.893	79.405	c) MSEDCL Bilateral *	37.733	758.270
6) PGPL	0.000	0.000	Include PX	8.953	112.779
7) Other IPP	12.525	218.510	d) Mumbai Bilateral *	23.056	598.883
C) 1) TPCL Thermal	16.394	337.937	Include PX	9.684	198.326
2) TPCL Hydro	5.538	79.689	Include Standby	0.000	4.760
3) TPCL Gas	3.541	75.220	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	10.996	240.440	1) MSEDCL	374.668	8008.031
D) STATE			2) Mumbai Discoms	68.196	1393.327
1) Thermal	255.697	5344.862	TOTAL STATE	442.864	9401.358
(A1+C1+C4+(B1-B6))					
2) Hydro	17.333	252.295			
(A2+C2)					
3) Gas	10.161	251.773			
(A3+B6+C3)					
4) Wind	19.361	695.749			
6) SOLAR	4.844	108.765			
TOTAL STATE	307.396	6653.444			

* 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 21 Hrs	D. Night Minimum at 5 Hrs
MSPGCL Thermal	5284	5278	5286	5309
MSPGCL Hydro	849	738	203	302
MSPGCL Gas	228	228	370	244
MSPGCL Total Generation	6361	6244	5859	5855
Central Sector Receipt	6673	6574	4888	5202
WIND	512	690	1123	594
CPP / IPP Thermal	4195	4344	4567	3989
CPP / IPP Gas	0	0	0	0
SOLAR	671	644	0	0
Exchange with Mumbai	-1587	-1591	-1377	-754
MSEDCL DEMAND MET	16825	16905	15060	14886
Load Shedding	0	0	0	0
MSEDCL DEMAND	16825	16905	15060	14886
TPCL GENERATION	1300	1276	1176	832
R-INFRA GENERATION	499	498	376	498
MUMBAI DEMAND	3386	3365	2929	2084
STATE DEMAND MET	20211	20270	17989	16970
STATE DEMAND	20211	20270	17989	16970
Frequency (Hz)	49.95	50.01	49.87	49.92

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.11 Hz at 16.24 Hrs	49.71 Hz at 02.14 Hrs	49.93	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 21/Jun/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	38.44	0	0
Unit 8	9.38	94.23	411	359
Unit 9	0.00	101.02	0	0
Unit 10	9.01	171.60	401	330
Total	18.39	405.28		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	11.06	213.89	495	365
Unit 5	10.82	209.45	500	365
Total	21.88	423.34		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.20	96.84	185	167
Unit 7	0.00	72.72	0	0
Unit 8	4.02	85.58	175	154
Total	8.21	255.14		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.01	223.75	465	450
Unit 6	7.40	12.80	350	290
Unit 7	10.58	213.14	452	421
Unit 8	11.40	208.70	493	440
Unit 9	8.52	164.40	368	339
Total	48.89	822.79		
Paras				
Unit 3	4.92	109.02	232	180
Unit 4	4.81	108.90	221	180
Total	9.72	217.93		
Khaparkheda				
Unit 1	3.63	13.96	160	140
Unit 2	0.00	37.36	0	0
Unit 3	3.91	74.90	166	160
Unit 4	3.84	59.47	165	150
Unit 5	0.00	166.70	0	0
Total	11.37	352.41		
Nasik				
Unit 3	4.22	88.60	182	160
Unit 4	0.00	0.13	0	0
Unit 5	4.07	82.37	176	160
Total	8.29	171.09		
Uran				
All Units	6.62	176.55	378	228
Total	6.62	176.55		
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)	0.10	1.62	24	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.10	1.62		
Koyna				
Stage 1-2	2.78	63.34	450	40
Stage 4	4.46	45.50	600	0
Stage 3	2.16	25.71	300	0
Total	9.39	134.54		
Hydro				
KDPH	0.45	6.03	25	0
VTRNA	0.00	0.00	0	0
TILLARI	0.52	5.45	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.28	4.01	80	0
RNGR+BHTSA	0.23	4.90	10	9
BHANDARDRA	0.74	3.87	31	30
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.18	4.16	15	5
GHATGHAR	0.00	9.66	0	0
Total	2.40	38.07		
Wind				
Total	19.36	695.75	0	0
Total	19.36	695.75		
CPP				
APML(Mus)	47.85	800.73	0	0
JSWEL(Mus)	13.42	493.08	0	0
VIPL(Mus)	5.94	162.65	0	0
RPLAMT(Mus)	18.92	364.13	0	0
WPCL(Mus)	2.89	79.40	0	0
Other(Mus)	12.52	218.51	0	0
Total	101.55	2118.51		
SOLAR				
Total	4.84	108.76	0	0
Total	4.84	108.76		
Tata				
Trombay 5	10.74	221.56	470	316
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.20	46.64	101	78
Trombay 7B	1.34	28.58	59	53
Trombay 8	5.65	116.37	243	224
TATA Hydro	5.54	79.69	438	0
Total	25.47	492.85		
R-INFRA				
DTPS U-1&2	11.00	240.44	500	375
Total	11.00	240.44		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	126.76	2647.98	MSPGCL Total	145.18	2997.14
			MSPGCL Thml+Gas	133.38	2824.53	Koyna 1,2 & 4 Total	7.23	108.83
			MSPGCL Hydro	11.80	172.61	State Total	307.40	6653.44

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 21/Jun/2018

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	5208	1137	364	6709	400	4517	0	0	5215	4905	-1174	15357	0	15357	2651	18008	49.87
2	5241	682	330	6253	402	4507	0	0	5068	4911	-967	15106	0	15106	2411	17517	49.89
3	5284	340	231	5855	503	4452	0	0	4998	5079	-828	15061	0	15061	2258	17319	49.87
4	5288	253	242	5783	438	4341	0	0	5081	5160	-774	14948	0	14948	2143	17091	49.91
5	5309	302	244	5855	594	3989	0	0	5203	5202	-754	14886	0	14886	2084	16970	49.92
6	5322	814	243	6379	617	3895	0	0	5588	5667	-808	15750	0	15750	2142	17892	49.84
7	5436	931	234	6601	260	3786	0	35	6302	6390	-818	16254	0	16254	2207	18461	49.90
8	5454	767	236	6457	181	3782	0	138	6305	6593	-928	16223	0	16223	2356	18579	49.99
9	5401	756	254	6411	210	3752	0	336	6286	6497	-1175	16031	0	16031	2689	18720	49.97
10	5381	993	233	6607	362	3784	0	504	6404	6454	-1419	16292	0	16292	3063	19355	49.95
11	5305	1016	239	6560	411	3894	0	626	6504	6474	-1521	16444	0	16444	3300	19744	49.91
12	5284	849	228	6361	512	4195	0	671	6532	6673	-1587	16825	0	16825	3386	20211	49.95
13	5278	738	228	6244	690	4344	0	644	6503	6574	-1591	16905	0	16905	3365	20270	50.01
14	5311	425	237	5973	882	4375	0	664	6441	6332	-1521	16705	0	16705	3289	19994	50.00
15	5336	293	228	5857	1075	4359	0	543	6391	6321	-1583	16572	0	16572	3354	19926	49.90
16	5286	191	240	5717	1482	4355	0	407	6347	6267	-1628	16600	0	16600	3380	19980	49.98
17	5154	170	233	5557	1808	4231	0	180	5989	5520	-1757	15539	0	15539	3300	18839	50.03
18	5054	175	247	5476	1834	4247	0	82	5162	5128	-1666	15101	0	15101	3204	18305	50.00
19	5091	148	307	5546	1539	4138	0	14	5069	4944	-1632	14549	0	14549	3099	17648	49.99
20	5138	250	340	5728	1455	4209	0	0	4833	4903	-1508	14787	0	14787	3035	17822	49.90
21	5286	203	370	5859	1123	4567	0	0	4609	4888	-1377	15060	0	15060	2929	17989	49.87
22	5315	194	362	5871	974	4608	0	0	4887	4829	-1496	14786	0	14786	2853	17639	49.89
23	5327	84	372	5783	821	4617	0	0	5117	4967	-1585	14603	0	14603	2856	17459	49.87
24	5272	84	378	5734	788	4602	0	0	5156	4790	-1630	14284	0	14284	2842	17126	49.93
MUs	126.76	11.80	6.62	145.18	19.36	101.55	0.00	4.84	135.99	135.47	-31.73	374.67	0.00	374.67	68.20	442.86	49.93

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 21/Jun/2018

Position as on 6.30 Hrs of 22/Jun/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	Koyna STG-IV Unit-4	250	12/06/2018	09.40		Continued.	Annual Overhaul	
MSPGCL	Khaparkhedha Unit 2	210	12/06/2018	12.27		Continued.	digital avr installation.	
MSPGCL	Khaparkhedha Unit 5	500	20/06/2018	05.14		Continued.	Annual 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 U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	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	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL INTER CHANGE.	
MSPGCL	Nasik Unit 4	210	01/06/2018	00.53		Continued.	Boiler Tube Leakage (Available since 03.06.2018 16:00Hrs)	
IPP	Adani U-4	660	07/06/2018	12.06	21/06/2018	04.27	Due to APH-A Hot PA duct below leakage	
MSPGCL	Uran Unit 6	108	09/06/2018	11.50		Continued.	bucchholz relay operated.	
CPP	SWPGL U-4	135	10/06/2018	00.01		Continued.	Maintenance work	
IPP	VIPL U-1	300	11/06/2018	00.30		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 7	210	11/06/2018	22.10		Continued.	Coal Shortage	
MSPGCL	Koradi Unit 9	660	13/06/2018	22.44		Continued.	ATTENDING VARIOUS DEFECT.	
IPP	JSW (J) U2	300	16/06/2018	00.19		Continued.	No Schedule	
MSPGCL	Parli Unit 7	250	17/06/2018	08.32		Continued.	POOR COAL RECEIPT.	
IPP	Adani U-5	660	20/06/2018	09.53		Continued.	TURBINE SIDE DRAIN LEAKAGE.	
MSPGCL	Uran Unit 8	108	21/06/2018	01.51	21/06/2018	17.22	BALANCENING TRAIL WORK.	
IPP	JSW (J) U3	300	21/06/2018	04.27	22/06/2018	01.03	ELECTRICAL FAULT.	
IPP	JSW (J) U1	300	21/06/2018	04.30	21/06/2018	10.10	ELECTRICAL FAULT.	
IPP	Adani U-4	660	21/06/2018	05.46	21/06/2018	09.41	CNI PROBLEM IN TURBINE.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 21/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 22/Jun/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	20/06/2018	17.18	21/06/2018	09.19	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	21/06/2018	17.12		Continued.	HT	Over Voltage
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)
Koradi-Khaperkheda I	IntraState	18/06/2018	15.18		Continued.	PO	for tower shifting work.
Koradi-Khaperkheda li	IntraState	18/06/2018	15.25		Continued.	PO	for tower shifting work.
Bhusawal-Aurangabad	IntraState	20/06/2018	18.03	21/06/2018	09.20	HT	Over Voltage
Padghe - Nagothane - I	IntraState	21/06/2018	08.38	21/06/2018	19.58	PO	Faulty String replacement
Bhusawal-Aurangabad	IntraState	21/06/2018	17.02		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	22/06/2018	02.48		Continued.	T	Distance Protection
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.
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	01/06/2018	01.02		Continued.	T	Differential Protection and PRV Operated
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	21/06/2018	08.40	21/06/2018	18.19	PO	Coating work on LA Insulator and CT Tan Delta Measurement
400/220/33 Kv 315 Mva Ict 1 @Dhule	IntraState	21/06/2018	10.04	21/06/2018	12.53	T	Tripped on OSR
400/220KV 500MVA ICT1@koradi 2	IntraState	21/06/2018	12.23	21/06/2018	14.57	PO	Maintenance work
400/220 KV 500 MVA ICT- III @ Aurangabad	IntraState	21/06/2018	14.16	21/06/2018	18.19	T	NDR Operated
400/220KV 500MVA ICT 2@koradi 2	IntraState	21/06/2018	15.07	21/06/2018	16.41	PO	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.
Maisal-Jath I	InterState	21/06/2018	14.09	21/06/2018	18.25	PO	Tightening of Nut Bolts
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.
Kalwa - Borivali	IntraState	01/06/2018	01.26		Continued.	HT	To control load on ICT.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Trombay - Kalwa	IntraState	01/06/2018	01.43		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 2	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 1	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
Kalwa-TIFIL	IntraState	01/06/2018	09.27		Continued.	HT	400KV Kalwa To Control ICT Overloading.
Salsette Borivli 1	IntraState	01/06/2018	10.45		Continued.	HT	Due To Overloading On ICT
Salsette Borivli 2	IntraState	01/06/2018	10.58		Continued.	HT	Due To Overloading On ICT.
Vita - Miraj	IntraState	16/06/2018	14.15		Continued.	PO	Construction Work.
Vita - Mhaishal	IntraState	16/06/2018	15.10		Continued.	PO	Construction Work.
Wpcl-Warora 1	IntraState	18/06/2018	15.09		Continued.	HT	for shifting of 6 no ct to wardha s/s.
Badnera-Akola li	IntraState	20/06/2018	20.53	21/06/2018	14.57	T	Distance Protection

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 21/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 22/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Sonkhar - Trombay	IntraState	21/06/2018	06.01	21/06/2018	18.21	PO	Line strengthening Work.
Wardha-Yeotmal	IntraState	21/06/2018	07.54	21/06/2018	12.56	PO	Quarterly Maintainance Work
Dasturi-Kandalgaon Line	IntraState	21/06/2018	09.10	21/06/2018	18.45	PO	Jumper Nut Bolt Tightening and Tree cutting
Parly-Parly Extn.-II	IntraState	21/06/2018	10.14	21/06/2018	13.43	PO	R,Y,B phase LA Separate Earthing work
Butibori - Khaperkheda	IntraState	21/06/2018	10.52	21/06/2018	14.22	PO	Tan Delta Measurment of CTs
Nalasopara-Boisar	IntraState	21/06/2018	11.05	21/06/2018	11.16	T	Tripped at Nalasopara end while shifting to TBC
Nanded-Ghatodi	IntraState	21/06/2018	16.30	21/06/2018	17.32	T	Distance Protection
Warora - Wardha	IntraState	21/06/2018	17.23	21/06/2018	18.02	T	Distance Protection
Bhugaon- Wardha	IntraState	21/06/2018	17.23	21/06/2018	19.42	T	Distance Protection
Abhijeet-Wardha-Ii	IntraState	21/06/2018	17.23	21/06/2018	18.28	T	Distance Protection
Wardha - Wardha Rly Tss 2	IntraState	21/06/2018	17.23	21/06/2018	17.53	T	Distance Protection
Chaliskaon-Sayne	IntraState	21/06/2018	18.25	21/06/2018	19.06	T	Distance Protection
220 KV ICT Outages/Trippings							
220/132 Kv 100 Mva Ibt Ptr @Old Gcr Parli	IntraState	21/06/2018	11.00	21/06/2018	18.13	PO	Testing Work
220/100 Kv 200 Mva Vijai Ict 3 @Trombay	IntraState	21/06/2018	15.19	21/06/2018	19.19	PO	LA Replacement, Relay Testing
132 KV LINE Outages/Trippings							
Beed(220kv) -Telgaon	IntraState	21/06/2018	04.16	21/06/2018	11.35	T	Distance Protection
Niwali - Ujani	IntraState	21/06/2018	14.00	21/06/2018	18.20	T	Distance Protection
Deulgaon Mahi-Dusarbid	IntraState	21/06/2018	14.16	21/06/2018	14.32	T	Distance Protection
Kalmeshwar-Hingna-II	IntraState	21/06/2018	15.45		Continued.	T	Conductor Snapped near Gantry at Kalmeshwar
Kandhar -Mukhed	IntraState	21/06/2018	16.16	21/06/2018	18.56	T	Distance Protection
Chikhli-Dhad	IntraState	21/06/2018	17.50	21/06/2018	17.58	T	Distance Protection
Hingoli 2- Akhada Balapur	IntraState	21/06/2018	18.30	21/06/2018	19.24	T	Distance Protection
Kalmeshwar-Saoner 1	IntraState	21/06/2018	21.24	21/06/2018	22.36	T	Distance Protection

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