

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Jun/2021 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	105.056	2866.919	1) Gujrat	1.577	21.644
2) Hydro	19.614	390.409	2) Madhya Pradesh	5.569	188.655
3) Gas	7.371	205.429	3) Chattisgarh	4.290	167.570
Total MSPGCL	132.041	3462.757	4) Maharashtra	118.812	3912.164
B) 1) APLM	70.235	1401.466	5) Goa (Amona)	-1.290	-40.574
2) JSWEL	21.373	587.835	Total	128.958	4249.459
3) VIPL	0.000	0.000	a) Mumbai Schedule	30.956	836.517
4) RPL(AMT)	30.805	736.939	b) Mumbai Drawl	27.714	749.250
5) SWPGPL	2.860	118.272	c) MSEDCL Bilateral *	24.494	1083.976
6) Other IPP	8.098	238.530	Include PX	-6.049	220.684
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	28.219	831.772
C) 1) TPCL Thermal	12.184	394.858	Include PX	15.614	451.439
2) TPCL Hydro	6.509	122.972	Standby	2.736	4.745
3) TPCL Gas	3.121	106.411	H) ENERGY CATERED (MUs)		
4) AEML Thermal	5.631	156.780	1) MSEDCL	387.474	11181.810
D) STATE			2) Mumbai Discoms	55.159	1530.265
1) Thermal	256.242	6501.599	TOTAL STATE	442.633	12712.075
(A1+C1+C4+(B1-B6))					
2) Hydro	26.123	513.381			
(A2+C2)					
3) Gas	10.492	311.840			
(A3+B7+C3)					
4) Wind	13.394	949.735			
6) SOLAR	7.424	186.067			
TOTAL STATE	313.675	8462.622			

* Displayed for information, not added in total.

DETAILS OF MAHARASHTRA STATE PEAK DEMAND(MW) Statement II

PARTICULARS	A. Morning Peak at 11 Hrs	B. Day Peak at 16 Hrs	C. Evening Peak at 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4482	4555	4536	4190
MSPGCL Hydro	945	898	1266	272
MSPGCL Gas	276	362	395	283
MSPGCL Total Generation	5703	5815	6197	4745
Central Sector Receipt	6240	5806	5394	4492
WIND	285	470	951	407
CPP / IPP Thermal	5501	5577	5622	5573
CPP / IPP Gas	0	0	0	0
SOLAR	874	668	0	0
Exchange with Mumbai	-1584	-1548	-1086	-934
MSEDCL DEMAND MET	17019	16788	17078	14283
Load Shedding	0	0	0	0
MSEDCL DEMAND	17019	16788	17078	14283
TPCL GENERATION	896	890	1038	661
AEML GENERATION	248	248	248	144
MUMBAI DEMAND	2728	2686	2372	1739
STATE DEMAND MET	19747	19474	19450	16022
STATE DEMAND	19747	19474	19450	16022
Frequency (Hz)	50.03	49.97	49.94	50.00

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.16 Hz at 06:02 Hrs	49.76 Hz at 21:09 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 29/Jun/2021

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	10.84	103.03	554	330
Unit 9	10.87	237.96	515	360
Unit 10	10.23	306.76	483	355
Total	31.94	647.76		
Bhusawal				
Unit 3	0.00	9.52	0	0
Unit 4	0.00	103.37	0	0
Unit 5	0.00	73.02	0	0
Total	0.00	185.90		
Parli				
Unit 6	0.00	0.00	0	0
Unit 7	0.00	0.00	0	0
Unit 8	0.00	10.27	0	0
Total	0.00	10.27		
Chandrapur				
Unit 3	3.54	71.15	150	145
Unit 4	3.90	101.79	166	149
Unit 5	8.95	239.07	408	360
Unit 6	9.32	252.49	400	370
Unit 7	0.00	0.00	0	0
Unit 8	10.26	276.19	450	410
Unit 9	10.38	260.68	450	395
Total	46.35	1201.38		
Paras				
Unit 3	5.08	69.68	231	160
Unit 4	0.00	47.54	0	0
Total	5.08	117.22		
Khaparkheda				
Unit 1	0.00	28.10	0	0
Unit 2	3.70	79.79	170	115
Unit 3	4.39	89.42	200	135
Unit 4	2.82	87.22	205	0
Unit 5	10.45	318.01	490	390
Total	21.37	602.54		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.32	101.84	48	0
Unit 5	0.00	0.00	0	0
Total	0.32	101.84		
Uran				
All Units	7.37	205.43	395	264
Total	7.37	205.43		
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)	0.55	11.93	27	11
Total	0.55	11.93		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	4.50	78.56	410	45
Stage 4	6.16	71.67	1000	0
Stage 3	2.20	42.95	210	0
Total	12.86	193.19		
Hydro				
KDPH	0.58	9.92	33	0
VTRNA	0.00	17.54	0	0
TILLARI	0.46	17.83	58	0
BHIRA T.R.	0.46	9.04	80	0
SMLHY_PTN	4.33	135.56	189	166
GHATGHAR	0.93	7.32	125	0
Total	6.76	197.22		
Wind				
Total	13.39	949.74	0	0
Total	13.39	949.74		
CPP				
APML(Mus)	70.24	1401.47	0	0
JSWEL(Mus)	21.37	587.84	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	30.80	736.94	0	0
SWPGPL-Mus	2.86	118.27	0	0
Other(Mus)	8.10	238.53	0	0
Total	133.37	3083.04		
SOLAR				
Total	7.42	186.07	0	0
Total	7.42	186.07		
Tata				
Trombay 5	10.48	261.88	468	279
Trombay 6	0.00	0.00	0	0
Trombay 7A	1.82	65.48	81	68
Trombay 7B	1.30	40.93	56	52
Trombay 8	1.71	132.98	221	0
TATA Hydro	6.51	122.97	442	115
Total	21.81	624.24		
AEMIL				
DTPS U-1&2	5.63	156.78	250	144
Total	5.63	156.78		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	105.06	2866.92	MSPGCL Total	132.04	3462.76
			MSPGCL Thml+Gas	112.43	3072.35	Koyna 1,2 & 4 Total	10.66	150.24
			MSPGCL Hydro	19.61	390.41	State Total	313.68	8462.62

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Jun/2021

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	4240	507	271	5018	666	5592	0	0	4023	4229	-874	14631	0	14631	2080	16711	49.99
2	4221	286	272	4779	494	5552	0	0	4605	4267	-887	14205	0	14205	1923	16128	50.00
3	4206	264	282	4752	518	5566	0	0	4573	4679	-980	14535	0	14535	1808	16343	49.99
4	4190	272	283	4745	407	5573	0	0	4615	4492	-934	14283	0	14283	1739	16022	50.00
5	4138	302	272	4712	377	5561	0	0	4770	4724	-846	14528	0	14528	1718	16246	49.96
6	4117	361	272	4750	385	5535	0	0	5393	5572	-630	15612	0	15612	1783	17395	50.01
7	4222	820	274	5316	305	5539	0	63	5938	6043	-644	16622	0	16622	1833	18455	50.02
8	4387	730	272	5389	223	5520	0	277	6106	6183	-781	16811	0	16811	1994	18805	50.02
9	4480	963	270	5713	158	5521	0	542	6059	6219	-1008	17145	0	17145	2259	19404	50.01
10	4483	1065	269	5817	195	5506	0	751	6125	6162	-1380	17051	0	17051	2541	19592	50.03
11	4482	945	276	5703	285	5501	0	874	6363	6240	-1584	17019	0	17019	2728	19747	50.03
12	4379	599	264	5242	177	5528	0	989	6531	6336	-1627	16645	0	16645	2770	19415	49.97
13	4294	837	267	5398	197	5515	0	976	6404	6237	-1639	16684	0	16684	2756	19440	50.00
14	4358	592	293	5243	231	5406	0	869	6260	6090	-1521	16318	0	16318	2660	18978	50.01
15	4379	650	302	5331	399	5470	0	874	6079	6182	-1545	16711	0	16711	2683	19394	49.99
16	4555	898	362	5815	470	5577	0	668	5876	5806	-1548	16788	0	16788	2686	19474	49.97
17	4522	988	385	5895	475	5648	0	345	5799	5845	-1494	16714	0	16714	2634	19348	50.02
18	4592	797	395	5784	699	5655	0	163	5614	5621	-1407	16515	0	16515	2524	19039	50.06
19	4550	511	386	5447	925	5617	0	33	5557	5396	-1162	16256	0	16256	2401	18657	50.05
20	4536	1266	395	6197	951	5622	0	0	5172	5394	-1086	17078	0	17078	2372	19450	49.94
21	4440	1730	395	6565	1081	5625	0	0	4643	4564	-1054	16781	0	16781	2341	19122	49.92
22	4503	1747	375	6625	1144	5598	0	0	4307	4097	-1021	16443	0	16443	2313	18756	49.93
23	4461	1406	268	6135	1305	5583	0	0	4315	4197	-1026	16194	0	16194	2308	18502	49.97
24	4321	1078	271	5670	1327	5561	0	0	4339	4383	-1036	15905	0	15905	2305	18210	50.00
MUs	105.06	19.61	7.37	132.04	13.39	133.37	0.00	7.42	129.47	128.96	-27.71	387.47	0.00	387.47	55.16	442.63	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 29/Jun/2021

Position as on 6.30 Hrs of 30/Jun/2021

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
AEML	AEML Unit 1	250	19/05/2021	09.52		Continued.	HP turbine replacement.	
MSPGCL	Khaparkheda Unit 1	210	11/06/2021	23.58		Continued.	Annual Overhaul	
FORCED OUTAGE								
IPP	SWPGPL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule (NO PPA)	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule.(NO PPA)	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	VIPL U-1	300	29/12/2018	00.30		Continued.	Coal Shortage. (NO PPA From 20.05.2019)	
IPP	VIPL U-2	300	17/01/2019	00.15		Continued.	Coal shortage.(NO PPA From 20.05.2019)	
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	
MSPGCL	Nasik Unit 3	210	03/12/2020	06.45		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 21-01-2021).	
MSPGCL	Chandrapur Unit 7	500	20/02/2021	23.43		Continued.	Generator Earth Fault.	
MSPGCL	Koradi Unit 6	210	27/04/2021	19.59		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Parli Unit 6	250	04/05/2021	20.00		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	05/05/2021	19.00		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 5	210	17/05/2021	12.50		Continued.	Zero schedule.	
IPP	SWPGPL U-3	135	08/06/2021	00.24		Continued.	Zero Schedule.	
MSPGCL	Parli Unit 8	250	08/06/2021	00.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 3	210	08/06/2021	00.34		Continued.	Zero Schedule.	
MSPGCL	Paras Unit 4	250	10/06/2021	17.00		Continued.	zero scheduled given by MSEDCL	
MSPGCL	Bhusawal Unit 4	500	11/06/2021	16.11		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Bhusawal Unit 5	500	11/06/2021	16.35		Continued.	Zero Schedule By MSEDCL	
IPP	JSW (J) U2	300	20/06/2021	04.30		Continued.	Generator maintenance work.	
MSPGCL	Uran Unit 6	108	23/06/2021	16.10	29/06/2021	12.40	Gas shortage	
IPP	SWPGPL U-2	135	25/06/2021	01.22		Continued.	ID Fan High Vibration.(unit under zero schedule from 04.00 hrs on dt. 25.06.2021.)	
MSPGCL	Nasik Unit 4	210	28/06/2021	23.45	29/06/2021	16.52	HP heaters level high.	
TPC_G	Trombay 8	250	29/06/2021	09.12		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 4	210	29/06/2021	19.58	30/06/2021	09.15	Generator Protection operated	
MSPGCL	Uran Unit 6	108	29/06/2021	22.18		Continued.	Gas shortage	
MSPGCL	Koyna STG-IV Unit-4	250	30/06/2021	21.50	30/06/2021	22.30	Turbine oil Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 30/Jun/2021

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
Warora -IEPL	IntraState	18/06/2021	07.28	29/06/2021	17.06	PO	Shifting of Line on Newly erected Tower
Bableshwar- Aurangabad (Waluj)	IntraState	23/06/2021	09.26		Continued.	PO	Samruddhi expressway crossing 400kv line diversion work.
Khadka-Aurangabad (Waluj)	IntraState	28/06/2021	22.02	29/06/2021	08.11	HT	Over Voltage
Karad - Jaigad - II	IntraState	28/06/2021	22.14	29/06/2021	07.38	HT	Over Voltage
karad -kolhapur-I	IntraState	28/06/2021	23.22	29/06/2021	07.40	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	29/06/2021	05.07	29/06/2021	12.29	T	Distance Protection
Karad - Talandge Ckt 2	IntraState	29/06/2021	12.45	29/06/2021	17.08	EO	attending Hot Spot on 29 A Y ph PG isolator Bus-I Quadruple spacer by Hot Line Unit, Ogalewadi.
Khadka-Aurangabad (Waluj)	IntraState	29/06/2021	21.11	30/06/2021	10.42	HT	Over Voltage
karad -kolhapur-I	IntraState	29/06/2021	22.54	30/06/2021	15.12	HT	Over Voltage
Karad-Jaigad - I	IntraState	29/06/2021	22.55	30/06/2021	09.00	HT	Over Voltage
Karad - Talandge Ckt 1	IntraState	30/06/2021	09.38	30/06/2021	15.12	EO	Attending Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	30/06/2021	21.32		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220kv 315 MVA ICT I @ KOLHAPUR-III (TALANDGE)	IntraState	10/08/2020	09.58		Continued.	PO	Replacement of existing 315 MVA ICT by 3*167 MVA ICT.(FTC DT 16/08/2021 At 14.42)
400/220 Kv 500 MVA ICT II @Lamboti	IntraState	29/06/2021	21.35	29/06/2021	23.12	T	tripped On Jerk.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule(Charge from Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule(Close at Chikodi end only)
MSETCL Borivli Aarey 2	IntraState	07/06/2021	09.05		Continued.	PO	In Pointing Y-Ph Cable Sheath Fault Between Section JC-14 To JC-16.(sock test at 22.54 dt.03/07/21)
MSETCL Borivli Aarey 1	IntraState	17/06/2021	13.25		Continued.	T	Distance Protection (Charged only from Aarey end).10/Jul/2021 19.56 Soak Test.
BHIRA (T) - KARANJADE CKT - 8	IntraState	21/06/2021	07.16	30/06/2021	22.06	PO	Conductor replacement in span 136 -137 DFCC work.
Flagship-Chinchwad	IntraState	29/06/2021	07.50	29/06/2021	08.10	EO	Bird Nest Removal.
Malharpeth - Karad(400kv)	IntraState	29/06/2021	10.13	29/06/2021	15.11	PO	For extension of new PT metering core, CT Tan Delta and routine maintenance.
New Koyna - Loteparshuram	IntraState	29/06/2021	10.24	29/06/2021	13.12	EO	Emergency outage on 50 MVA TF 1 & 220 KV New Koyna Line for replacing earth wire.
Chandrapur GCR - Cpur Rly Tss 2	IntraState	29/06/2021	10.34	29/06/2021	14.20	PO	For drilling holes, cable in warding, glanding & dressing at CP/RP panel, fixing of MFM METER & CMR RELAY on panel for MTAMC.
Peth- Mudshingi -I	IntraState	29/06/2021	11.03	29/06/2021	14.45	PO	Relay testing work.
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	29/06/2021	11.13	29/06/2021	17.19	PO	For alignment of 89 A isolator of 220 Kv Tuljapur ckt-2
Maisal-Jath I	IntraState	29/06/2021	11.21	29/06/2021	17.48	PO	String replacement & earth bond fixing.
Satana-Gangapur	IntraState	29/06/2021	11.22	29/06/2021	18.35	PO	Replacements of Jumpers with Jump cone at location No. 183,184,185,186,187,188,194,20

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/Tripping for 29/Jun/2021

Statement-VII

Position as on 6.30 Hrs of 30/Jun/2021

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							1,202,204,205,206,207&211.
220 KV JALKOT - NANDED (KUMBHARGAON) CKT - 2	IntraState	29/06/2021	12.52	29/06/2021	16.49	PO	Relay Routine Testing.
Sadawaghapur Karad Ckt 2	IntraState	29/06/2021	14.07	29/06/2021	18.46	PO	Replacement of R ph LA, CB timing and CRM test on CB.
Lamboti - Solapur li(Bale) Ckt- I	IntraState	29/06/2021	21.35	30/06/2021	02.09	T	Distance Protection
Lamboti -Solapur li(Bale) Ckt- II	IntraState	29/06/2021	21.35	29/06/2021	22.50	T	Distance Protection
Koyna (Pophali) - Kdph	IntraState	30/06/2021	04.50	30/06/2021	17.50	T	Distance Protection
Lamboti -Solapur li(Bale) Ckt- II	IntraState	30/06/2021	07.26	30/06/2021	13.59	HT	R-Ph LA to BE Replaced.
Mumewadi-Belewadi	IntraState	30/06/2021	09.50	30/06/2021	16.58	PO	Siemens make CB Overhauling work.
Gcr Chandrapur - Grace Ltd	IntraState	30/06/2021	09.51	30/06/2021	15.33	PO	Fixing of MFM meter & CMR relay on CP panel for MTAMC project, Measurement of Tan delta
Wpcl-Warora 1	IntraState	30/06/2021	10.17	30/06/2021	15.53	PO	Bus jumper tightening work by hot line method at 220kv warora S/STN end by M/S. SWPL authority
Satana-Gangapur	IntraState	30/06/2021	10.30	30/06/2021	18.03	PO	Jumper replacement work.
Kanhan-Umred 1	IntraState	30/06/2021	10.38	30/06/2021	14.01	PO	Testing Work
Flagship-Chinchwad	IntraState	30/06/2021	10.57	30/06/2021	11.07	T	Distance Protection
Waluj- Padegaon li	IntraState	30/06/2021	12.42	30/06/2021	16.44	PO	Jumper Tightening and Fixing of Nut Bolts
Pandharpur - Malinagar	IntraState	30/06/2021	13.10	30/06/2021	15.40	PO	Tree cutting work.

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