

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 29/Nov/2022 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	155.583	4154.649	1) Gujrat	-7.242	-240.691
2) Hydro	10.407	255.604	2) Madhya Pradesh	0.020	-39.893
3) Gas	3.720	83.279	3) Chattisgarh	5.050	175.430
Total MSPGCL	169.710	4493.532	4) Maharashtra	170.490	4892.228
B) 1) APLM	72.028	1950.429	5) Goa (Amona)	-1.695	-40.238
2) JSWEL	10.713	350.691	Total	166.623	4746.836
3) VIPL	0.000	0.000	a) Mumbai Schedule	31.660	891.875
4) RPL(AMT)	31.174	799.777	b) Mumbai Drawl	36.369	1025.589
5) SWPGPL	7.481	217.358	c) MSEDCL Bilateral *	57.749	1959.708
6) Other IPP	40.073	1041.584	Include PX	0.000	0.000
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	31.660	891.873
C) 1) TPCL Thermal	10.361	315.612	Include PX	0.000	0.000
2) TPCL Hydro	3.299	100.912	Standby	0.000	0.002
3) TPCL Gas	0.578	14.053	H) ENERGY CATERED (MUs)		
4) AEML Thermal	8.643	260.639	1) MSEDCL	469.895	12987.268
D) STATE			2) Mumbai Discoms	59.250	1716.808
1) Thermal	336.056	9090.739	3) Other Discoms	9.624	271.948
(A1+C1+C4+(B1-B6))			TOTAL STATE	538.769	14976.024
2) Hydro	13.706	356.516			
(A2+C2)					
3) Gas	4.298	97.332			
(A3+B7+C3)					
4) Wind	6.226	342.356			
6) SOLAR	11.860	342.242			
TOTAL STATE	372.146	10229.185			

* 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 13 Hrs	C. Evening Peak at 19 Hrs	D. Night Minimum at 24 Hrs
MSPGCL Thermal	6800	6182	6716	5585
MSPGCL Hydro	501	361	1702	122
MSPGCL Gas	143	139	141	235
MSPGCL Total Generation	7444	6682	8559	5942
Central Sector Receipt	8346	8081	6664	5761
WIND	179	102	290	534
CPP / IPP Thermal	6877	6854	6942	6379
CPP / IPP Gas	0	0	0	0
SOLAR	1627	1783	0	0
Exchange with Mumbai	-1788	-1814	-1573	-1324
MSEDCL DEMAND MET	22254	21272	20444	16909
Load Shedding	0	0	0	0
MSEDCL DEMAND	22254	21272	20444	16909
TPCL GENERATION	678	665	903	558
AEML GENERATION	494	479	386	297
MUMBAI DEMAND	2960	2958	2862	2179
OTHER DISCOM DEMAND	431	416	438	383
STATE DEMAND MET	25645	24646	23744	19471
STATE DEMAND	25645	24646	23744	19471
Frequency (Hz)	49.94	49.99	50.05	50.01

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.4 Hz
50.19 Hz at 06.02 Hrs	49.66 Hz at 17.44 Hrs	49.97	0 % of Time(min)

Note : The report is based on Operational Data and is for statistical purpose only.

Daily and Progressive Generation, Maximum, Minimum for 29/Nov/2022

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	5.10	132.98	215	210
Unit 7	0.00	0.00	0	0
Unit 8	12.63	372.17	567	485
Unit 9	13.58	372.56	590	529
Unit 10	12.66	228.45	585	443
Total	43.97	1106.15		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	8.76	240.27	460	275
Unit 5	8.89	267.12	470	280
Total	17.66	507.38		
Parli				
Unit 6	4.24	115.99	220	147
Unit 7	3.55	100.28	202	25
Unit 8	3.38	99.25	150	134
Total	11.17	315.52		
Chandrapur				
Unit 3	3.54	92.86	175	122
Unit 4	3.33	84.84	169	119
Unit 5	6.86	185.97	305	265
Unit 6	6.97	161.36	300	273
Unit 7	3.10	198.15	344	0
Unit 8	8.78	273.42	439	277
Unit 9	9.48	223.07	490	284
Total	42.07	1219.67		
Paras				
Unit 3	5.20	145.86	235	182
Unit 4	5.57	90.29	247	212
Total	10.77	236.15		
Khaparkheda				
Unit 1	2.83	78.10	135	100
Unit 2	3.03	78.66	140	115
Unit 3	3.75	95.75	184	129
Unit 4	3.28	89.94	160	113
Unit 5	9.97	253.82	450	290
Total	22.87	596.28		
Nasik				
Unit 3	3.51	30.69	170	116
Unit 4	3.56	83.81	173	107
Unit 5	0.00	58.99	0	0
Total	7.07	173.49		
Uran				
All Units	3.72	83.28	235	136
Total	3.72	83.28		
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)	0.20	12.44	47	0
Total	0.20	12.44		
Koyna				

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Stage 1-2	2.98	73.32	440	30
Stage 4	2.73	61.56	828	0
Stage 3	1.35	29.78	240	0
Total	7.06	164.67		
Hydro				
KDPH	0.43	10.67	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.52	8.50	58	0
BHIRA T.R.	0.16	5.01	40	0
SMLHY_PTN	1.54	46.71	69	61
GHATGHAR	0.50	7.59	125	0
Total	3.16	78.49		
Wind				
Total	6.23	342.36	0	0
Total	6.23	342.36		
CPP				
APML(Mus)	72.03	1950.43	0	0
JSWEL(Mus)	10.71	350.69	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT-Mus	31.17	799.78	0	0
SWPGPL-Mus	7.48	217.36	0	0
Other(Mus)	40.07	1041.58	0	0
Total	161.47	4359.84		
SOLAR				
Total	11.86	342.24	0	0
Total	11.86	342.24		
Tata				
Trombay 5	7.01	214.19	380	247
Trombay 6	0.00	0.00	0	0
Trombay 7A	0.55	8.32	111	0
Trombay 7B	0.03	5.74	29	0
TATA Hydro	3.30	100.91	393	16
Trombay 8	3.35	101.42	175	129
Total	14.24	430.58		
AEML				
DTPS U-1&2	8.64	260.64	494	283
Total	8.64	260.64		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	155.58	4154.65	MSPGCL Total	169.71	4493.53
			MSPGCL Thml+Gas	159.30	4237.93	Koyna 1,2 & 4 Total	5.71	134.89
			MSPGCL Hydro	10.41	255.60	State Total	372.15	10229.18

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 29/Nov/2022

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDC L DEM. MET	LOAD SHED DING	MSEDC L DEM. WITH LS	MUMBAI DEMAN D	OTHER DISCOM DEMAN D	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS											
1	6079	121	146	6346	213	6435	0	0	5918	6367	-1384	17617	0	17617	2139	360	20116	49.98
2	6132	117	148	6397	249	6347	0	0	5983	6193	-1250	17592	0	17592	1981	344	19917	50.00
3	6271	117	146	6534	265	6420	0	0	6067	5807	-1161	17547	0	17547	1869	318	19734	50.00
4	6064	117	147	6328	279	6289	0	0	5994	6232	-1082	17741	0	17741	1796	305	19842	49.99
5	6293	172	145	6610	211	6429	0	0	6129	6380	-1068	18240	0	18240	1781	322	20343	50.00
6	6921	261	145	7327	221	6814	0	0	6213	6416	-1182	19245	0	19245	1902	351	21498	50.00
7	7108	434	148	7690	304	6863	0	26	7066	6736	-1266	19971	0	19971	2072	382	22425	49.96
8	7235	895	146	8276	293	6905	0	279	6861	6568	-1252	20650	0	20650	2233	419	23302	49.94
9	7137	301	146	7584	238	6919	0	774	7523	7519	-1528	21092	0	21092	2499	414	24005	49.92
10	6710	301	143	7154	180	6893	0	1274	7841	8127	-1641	21556	0	21556	2790	431	24777	49.92
11	6800	501	143	7444	179	6877	0	1627	8321	8346	-1788	22254	0	22254	2960	431	25645	49.94
12	6715	461	138	7314	114	6868	0	1786	8614	8160	-1830	22003	0	22003	3000	409	25412	50.01
13	6182	361	139	6682	102	6854	0	1783	8016	8081	-1814	21272	0	21272	2958	416	24646	49.99
14	6385	279	137	6801	80	6866	0	1637	7788	8087	-1900	21141	0	21141	2793	430	24364	50.02
15	6751	411	136	7298	59	6881	0	1343	7773	8083	-1930	21317	0	21317	2813	417	24547	49.93
16	6874	611	137	7622	58	6891	0	910	7989	7985	-1955	21070	0	21070	2861	441	24372	49.87
17	6884	450	136	7470	52	6939	0	372	7785	7596	-1797	20180	0	20180	2864	452	23496	49.91
18	6782	1307	142	8231	175	6881	0	49	6693	6620	-1616	19884	0	19884	2843	456	23183	49.88
19	6716	1702	141	8559	290	6942	0	0	6641	6664	-1573	20444	0	20444	2862	438	23744	50.05
20	6615	790	140	7545	475	6961	0	0	6648	6529	-1566	19486	0	19486	2753	458	22697	50.04
21	6050	242	174	6466	532	6940	0	0	6400	6156	-1492	18163	0	18163	2600	439	21202	49.95
22	5622	204	231	6057	550	6528	0	0	6089	6240	-1515	17451	0	17451	2418	409	20278	50.02
23	5672	130	231	6033	573	6348	0	0	5955	5970	-1455	17071	0	17071	2284	398	19753	50.01
24	5585	122	235	5942	534	6379	0	0	5894	5761	-1324	16909	0	16909	2179	383	19471	50.01
MUs	155.58	10.41	3.72	169.71	6.23	161.47	0.00	11.86	166.20	166.62	-36.37	469.89	0.00	469.89	59.25	9.62	538.77	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 29/Nov/2022

Position as on 6.30 Hrs of 30/Nov/2022

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Bhusawal Unit 3	210	15/10/2022	15:10		Continued.	ZERO SCHEDULE	
FORCED OUTAGE								
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	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)	
CENT.SECTOR	Tarapur 1	160	08/01/2020	10:37		Continued.	Refueling. While refueling preparation, some repair works identified which are being executed before refueling.	31/03/2023
MSPGCL	Uran Unit 7	108	25/05/2020	12.51		Continued.	Turbine Blade Failure	30/12/2022
CENT.SECTOR	Tarapur 2	160	13/07/2020	04:38		Continued.	For cleaning of clogged basket strainer of cooling water system due to heavy ingress of debris from sea. The outage extended for repair and re-fueling.	31/03/2023
MSPGCL	Koradi Unit 7	210	27/04/2021	20.03		Continued.	Retired (04/08/2021 At 00.00)	
MSPGCL	Ghatghar Unit-1	125	20/04/2022	00:35		Continued.	Stator Earth Fault	23/12/2022
MSPGCL	Uran Unit A0	120	07/09/2022	16:30		Continued.	TURBINE TRIPPED ON HIGH VIBRATIONS	
IPP	JSW (J) U1	300	11/10/2022	02:40		Continued.	Zero Schedule.	
IPP	SWPGPL U-2	135	11/11/2022	19:36		Continued.	Submerged Scrapper Conveyor Scrapper bar problem.(unit out due to coal shortage from 15.11.2022)	01/12/2022
MSPGCL	Nasik Unit 5	210	19/11/2022	23:20		Continued.	UNIT IS READY(UNIT UNDER TOLLING from 20.11.2022)	29/11/2022
TPC-G	Trombay 7B	60	24/11/2022	04:52		Continued.	Gas shortage	
TPC-G	Trombay 7A	120	24/11/2022	05:13	29/11/2022	18:22	Gas shortage	
IPP	JSW (J) U4	300	27/11/2022	11:25		Continued.	due to no schedule.	
MSPGCL	Uran Unit 6	108	28/11/2022	14:14	29/11/2022	20:25	Gas shortage	
IPP	IEPL Unit 1	270	28/11/2022	20:00		Continued.	Steam leakage from Boiler MS stop valve.	01/12/2022
MSPGCL	Chandrapur Unit 7	500	29/11/2022	09:30		Continued.	DUE TO MAIN TURBINE GLAND SEALING PRESSURE HIGH.	29/11/2022
MSPGCL	Paras Unit 3	250	30/11/2022	04:30	30/11/2022	07:09	Furnace Pressure High	
MSPGCL	Paras Unit 3	250	30/11/2022	08:22		Continued.	Furnace Pressure High	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 29/Nov/2022

Statement-VII

Position as on 6.30 Hrs of 30/Nov/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV TIEBAY Outages/Trippings							
TIE BAY (702) OF 765/21KV GT-4 and 765/400KV ICT (HV Side) @ TIRORA	IntraState	29/11/2022	11:28	29/11/2022	15:07	EO	For checking Breaker control circuit of Tie Bay(702).
500 KV TBC Outages/Trippings							
POLE-1 BASE AC FILTER Z1-Z2(200MVAR) @ CHANDRAPUR HVDC	IntraState	30/11/2022	04:07	30/11/2022	08:32	EO	to attend 2nos of hotspot
400 KV MAINBAY Outages/Trippings							
400KV MAIN BAY 413 OF SPARE BAY @ CHANDRAPUR 2	InterState	23/06/2022	20:33			EO	for requirement of trip coil material from 400 kv spare bay 413 CB and utilise it in 400 kv Warora Ckt 2 CB 425
BUS COUPLER @ CHANDRAPUR	IntraState	29/11/2022	11:07	29/11/2022	17:23	PO	Testing of backup OC/EF Relay and it's integration with SCADA under MTAMC project.
MIAN BAY-422 OF STATION TF - 1 @ KORADI -2	IntraState	29/11/2022	12:24	29/11/2022	18:08	PO	Diagnostic Testing of CT & CB and routine bay maintenance work
400 KV LINE Outages/Trippings							
KORADI 2-WARDHA (PG)	InterState	29/11/2022	10:25	29/11/2022	20:54	HT	OUTAGE AVAILED AT PG END
KALWA - TALEGAON (PG)	InterState	29/11/2022	22:12	30/11/2022	03:50	EO	To apply repair sleeve on broken conductor strength near vibration damper at Loc.Nos. 163, 161, 110, 194.
AURANGABAD(MS) - PUNE (GIS) CKT - 2	IntraState	08/11/2022	07:32			HT	For Load Management
LONIKAND I - KOYNA STAGE-IV	IntraState	19/11/2022	18:23			EO	For shifting 400kV Lonikand-Stage IV line on 400kV TBC due to hotspot on 29 B Isolator B phase on hanger rod assembly
BUS - 2 @ NEW KOYNA	IntraState	21/11/2022	12:51	29/11/2022	11:44	PO	1) 21/11/2022 to 22/11/2022 Bus Insulator replacement work at section TBC & Bus coupler & Spare bay 2) 23/11/2022 Bus Insulator replacement work at section Dabhol 1 & 2 3) 24/11/2022 Bus Insulator replacement work at section ICT I & ICT-II 4) 25/11/2022 Bus Insulator replacement work at section Koyna -I & II and damage conductor replacement work 5) 26/11/2022 Bus Insulator replacement work at section Karad - I & II 6) 27/11/2022 to 28/11/2022 Bus Insulator replacement work at section Jaigad - I & II
NAGOTHANE - DABHOL CKT - 1	IntraState	28/11/2022	09:30	29/11/2022	00:14	PO	Replacement of Surge Arrestor for all the three poles
NEW KOYNA - STAGE IV CKT - 1	IntraState	28/11/2022	22:58	29/11/2022	12:23	PO	Bus Insulator replacement work at section Koyna -I & II
NEW KOYNA - STAGE IV CKT - 2	IntraState	28/11/2022	23:15	29/11/2022	12:01	PO	Bus Insulator replacement work at section Koyna -I & II
JAIGAD - KARAD CKT - 1	IntraState	28/11/2022	23:36			HT	H/T TO CONTROL O/V
THAPTI TANDA - AURANGABAD (WALUJ)	IntraState	29/11/2022	06:26	29/11/2022	16:33		89A, 89B and 89C PG Iso. Overhauling and Servicing work
220 KV TAPTITANDA (400 KV) - WALUJ CKT - 1	IntraState	29/11/2022	06:26			HT	OUTAGE AVAILED FOR REPLACEMENT OF FAULTY DISC INSULATORS REPLACEMENT
THAPTI TANDA - AURANGABAD (WALUJ)	IntraState	29/11/2022	06:26			PO	Replacement of faulty disc insulators strings by new LRP strings

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Nov/2022

Statement-VII

Position as on 6.30 Hrs of 30/Nov/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
PADGHE - NAGOTHANE CKT - 2	IntraState	29/11/2022	09:11	29/11/2022	19:35		String replacement work
220 KV LINE Outages/Trippings							
BOISAR - VERSOVA	IntraState	12/11/2022	07:17			PO	Bunching of lines at location no.SS 82 to facilitate the following project work:DFCCIL project : Shifting of lines on temporary towers from SS 225 to SS 228. Post bunching the existing lines will be reconfigured as 220 kV Dahanu - Boisar temporary line.
DAHANU - VERSOVA	IntraState	12/11/2022	07:40			PO	Bunching of lines at location no.SS 82 to facilitate the following project work:DFCCIL project : Shifting of lines on temporary towers from SS 225 to SS 228. Post bunching the existing lines will be reconfigured as 220 kV Dahanu - Boisar temporary line.
EKLAHARE (OCR) - NAVASARI CKT - 2	IntraState	19/11/2022	14:33			HT	H/T TO CONTROL BBLR LINE LOADING
KHARGHAR - NERUL	IntraState	22/11/2022	06:38			EO	A bus to B bus shift Via TBC for prevent to further avoid damage of A bus B phase conductor near Nerul bay.
KHARGHAR - SONKHAR	IntraState	22/11/2022	10:45			EO	B bus to A bus shift Via TBC for balancing of Bus loading & Nerul ,Sonkhar line connected to MMR region for safety purpose both are charged through different Bus.
AAREY - MSETCL BORIVALI CKT - 1	IntraState	24/11/2022	17:39			T	Tripped on Differential protection
RANJANGAON-LONIKAND	IntraState	28/11/2022	07:45	29/11/2022	18:05	EO	220kV A& B- Bus Isolator Maintenance work .
KHARGHAR - TSS PANVEL	IntraState	28/11/2022	10:14	29/11/2022	21:50	PO	220kV Kharghar panvel TSS line for connecting the second circuit and making the LILLO to 220kV New Panvel TSS on dt. 28.11.22 from loc no. 3 Latic Tower to Monopole No. 1
TALOJA II - OCIL 1	IntraState	29/11/2022	07:30	29/11/2022	18:56	PO	Testing & Maintenance Metering & Protection CT/PTs
KHAREPATAN -PAWAS LINE	IntraState	29/11/2022	09:22	29/11/2022	18:56	PO	For Shifting of R, Y, B CT's on newly erected equipment structures for 220kV Pawas Kharepatan line bay at 220kV Pawas substation. Existing structures are rusted & replacement of the same is necessary.
VITA - KHANAPUR LINE	IntraState	29/11/2022	09:35	29/11/2022	19:58	PO	1.Diagnostic testing work 2.Annual relay testing work 3.Maintenance Work
BABLESHWAR -BHENDA	IntraState	29/11/2022	09:46	29/11/2022	16:33	PO	Disc Insulator cold line washing work on the line to avoid tripping on the line seeing the approaching winter season as per the directive recd from the Dir Opr via SE EHV O&M C Nasik
KADEGAON-MIRAJ	IntraState	29/11/2022	09:58	29/11/2022	17:09	PO	1.Cold line washing work 2.Conversion work of STN to DTN
HALKARNI - TILARI LINE	IntraState	29/11/2022	10:05	29/11/2022	16:52	PO	Quarterly Maintenance and Diagnostic Testing Work
KANDALGAON - KOYNA (POPHALI)	IntraState	29/11/2022	13:20	29/11/2022	13:52	T	Tripping at Pophali end only. AR successful at Kandalgaon

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 29/Nov/2022

Statement-VII

Position as on 6.30 Hrs of 30/Nov/2022

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
PADGHE - NALASOPARA - VASAI (T)	IntraState	30/11/2022	05:14			EO	To Attend Hot spot at Loc no.56.
220 KV ICT Outages/Trippings							
220 / 110 / 22kv 250 MVA ICT 1 @ SALSETTE	IntraState	12/10/2020	11:35			T	Tripped due to Grid disturbance.
220/132KV 100MVA PTR 1 @ KHAREPATAN	IntraState	22/09/2022	16:35			T	ICT bursted
220 / 110 / 22kv 250 MVA ICT 2 @ SALSETTE	IntraState	10/11/2022	10:35			EO	For attending to abnormal Nosie from ICT
220/22 KV 50 MVA PTR 1 @ MAHAD	IntraState	29/11/2022	09:15	29/11/2022	18:08	PO	LV CT Replacement work and Diagnostic test.
220/33 KV 50MVA PTR - 1 @ KALWAN	IntraState	29/11/2022	10:38	29/11/2022	13:17	PO	LV (33KV) CB Overhauling work & Maint. work
220/33KV 50MVA PTR 1 @ MIRAJ	IntraState	29/11/2022	10:45	29/11/2022	15:40	PO	Diagnostic testing work.

HT : Hand Tripping, T : Tripping, PO : Planned Outage, EO : Emergency Outage