

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 27/Nov/2019 WEDNESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	134.912	3114.014	1) Gujrat	5.171	88.501
2) Hydro	9.897	240.632	2) Madhya Pradesh	9.600	238.071
3) Gas	10.289	236.660	3) Chattisgarh	7.360	181.700
Total MSPGCL	155.098	3591.306	4) Maharashtra	114.997	3048.991
B) 1) APML	67.610	1900.054	5) Goa (Amona)	-0.638	-13.508
2) JSWEL	23.306	537.374	Total	136.490	3543.755
3) VIPL	0.000	0.000	a) Mumbai Schedule	25.764	695.891
4) RPL(AMT)	0.000	49.977	b) Mumbai Drawl	27.668	762.348
5) WPCL	0.000	0.000	c) MSEDCL Bilateral *	25.058	684.655
6) Other IPP	10.215	224.137	Include PX	1.003	-4.834
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	25.764	695.891
C) 1) TPCL Thermal	13.850	367.424	Include PX	7.861	216.342
2) TPCL Hydro	4.251	103.837	Standby	0.000	0.000
3) TPCL Gas	4.346	115.021	H) ENERGY CATERED (MUs)		
4) AEML Thermal	10.617	272.118	1) MSEDCL	384.777	9458.442
D) STATE			2) Mumbai Discoms	60.732	1620.748
1) Thermal	260.510	6465.098	TOTAL STATE	445.509	11079.190
(A1+C1+C4+(B1-B6))					
2) Hydro (A2+C2)	14.148	344.469			
3) Gas (A3+B7+C3)	14.635	351.681			
4) Wind	13.812	223.911			
6) SOLAR	5.914	150.276			
TOTAL STATE	309.019	7535.435			

* 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 19 Hrs	D. Night Minimum at 3 Hrs
MSPGCL Thermal	5745	5714	6310	4837
MSPGCL Hydro	626	848	387	60
MSPGCL Gas	420	419	426	444
MSPGCL Total Generation	6791	6981	7123	5341
Central Sector Receipt	6854	6787	5860	4372
WIND	393	286	398	973
CPP / IPP Thermal	4600	4462	4596	3668
CPP / IPP Gas	0	0	0	0
SOLAR	898	892	0	0
Exchange with Mumbai	-1335	-1495	-1178	-900
MSEDCL DEMAND MET	18201	17913	16799	13454
Load Shedding	0	0	0	0
MSEDCL DEMAND	18201	17913	16799	13454
TPCL GENERATION	1234	1003	1244	633
AEML GENERATION	500	500	499	374
MUMBAI DEMAND	3069	2998	2921	1907
STATE DEMAND MET	21270	20911	19720	15361
STATE DEMAND	21270	20911	19720	15361
Frequency (Hz)	50.03	50.01	50.06	50.03

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.19 Hz at 06.01 Hrs	49.86 Hz at 09.09 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 27/Nov/2019

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	11.86	307.32	600	400
Unit 9	13.88	275.17	650	460
Unit 10	11.66	281.74	550	400
Total	37.41	864.23		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	9.84	252.79	460	360
Unit 5	3.17	232.80	390	0
Total	13.00	485.58		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	5.15	80.65	250	140
Unit 7	5.40	81.21	248	191
Unit 8	5.45	82.08	250	197
Total	16.00	243.94		
Chandrapur				
Unit 3	4.08	93.95	190	156
Unit 4	3.10	30.47	165	109
Unit 5	8.58	206.83	375	305
Unit 6	9.53	231.86	465	355
Unit 7	0.00	0.00	0	0
Unit 8	10.21	269.95	480	360
Unit 9	10.08	230.88	472	350
Total	45.57	1063.95		
Paras				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Total	0.00	0.00		
Khaparkheda				
Unit 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.04	47.45	192	0
Unit 4	4.28	60.21	200	160
Unit 5	10.50	242.39	500	360
Total	18.82	350.05		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	68.64	0	0
Unit 5	4.12	37.61	199	160
Total	4.12	106.25		
Uran				
All Units	10.29	236.66	447	408
Total	10.29	236.66		
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)	0.18	6.52	38	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.18	6.52		
Koyna				
Stage 1-2	3.40	80.72	425	30
Stage 4	3.80	85.68	628	0
Stage 3	1.32	36.63	160	0
Total	8.51	203.03		
Hydro				
KDPH	0.00	1.01	0	0
VTRNA	0.00	0.00	0	0
TILLARI	0.00	1.61	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.30	7.38	80	0
RNGR+BHTSA	0.39	8.61	17	16
BHANDARDRA	0.00	0.19	0	0
ELDARY	0.00	5.96	0	0
SMLHY_PTN	0.31	4.78	13	13
GHATGHAR	0.38	8.07	125	0
Total	1.38	37.60		
Wind				
Total	13.81	223.91	0	0
Total	13.81	223.91		
CPP				
APML(Mus)	67.61	1900.05	0	0
JSWEL(Mus)	23.31	537.37	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	49.98	0	0
WPCL(Mus)	0.00	0.00	0	0
Other(Mus)	10.22	224.14	0	0
Total	101.13	2711.54		
SOLAR				
Total	5.91	150.28	0	0
Total	5.91	150.28		
Tata				
Trombay 5	9.68	239.90	482	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.77	72.98	116	114
Trombay 7B	1.58	42.05	67	65
Trombay 8	4.17	127.52	197	134
TATA Hydro	4.25	103.84	411	0
Total	22.45	586.28		
AEML				
DTPS U-1&2	10.62	272.12	500	373
Total	10.62	272.12		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	134.91	3114.01	MSPGCL Total	155.10	3591.31
			MSPGCL Thml+Gas	145.20	3350.67	Koyna 1,2 & 4 Total	7.20	166.40
			MSPGCL Hydro	9.90	240.63	State Total	309.02	7535.44

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 27/Nov/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	4864	60	422	5346	1010	3765	0	0	4829	4824	-1169	13776	0	13776	2212	15988	50.02
2	4861	60	432	5353	1148	3745	0	0	4577	4485	-1010	13721	0	13721	2027	15748	50.02
3	4837	60	444	5341	973	3668	0	0	4404	4372	-900	13454	0	13454	1907	15361	50.03
4	4878	130	433	5441	807	3648	0	0	4266	4678	-824	13750	0	13750	1829	15579	50.04
5	5039	205	434	5678	795	3853	0	0	4632	5033	-811	14548	0	14548	1814	16362	50.04
6	5549	65	444	6058	790	4235	0	0	5319	5439	-889	15633	0	15633	1893	17526	50.02
7	6077	534	445	7056	905	4331	0	3	5624	5787	-871	17211	0	17211	2051	19262	50.01
8	6083	983	447	7513	874	4330	0	111	5639	5813	-862	17779	0	17779	2213	19992	50.01
9	6025	966	437	7428	838	4323	0	377	5803	5876	-1034	17808	0	17808	2511	20319	50.02
10	5930	312	430	6672	564	4351	0	627	6188	6276	-1161	17329	0	17329	2804	20133	49.97
11	5842	269	415	6526	462	4641	0	771	6240	6584	-1253	17731	0	17731	3004	20735	50.02
12	5745	626	420	6791	393	4600	0	898	6589	6854	-1335	18201	0	18201	3069	21270	50.03
13	5714	848	419	6981	286	4462	0	892	6698	6787	-1495	17913	0	17913	2998	20911	50.01
14	5721	1061	417	7199	229	4278	0	820	6328	6421	-1425	17522	0	17522	2907	20429	50.04
15	5856	857	416	7129	185	4418	0	701	6676	6544	-1436	17541	0	17541	2945	20486	50.00
16	5934	761	408	7103	155	4540	0	482	6666	6713	-1226	17767	0	17767	2965	20732	50.01
17	6143	887	420	7450	163	4559	0	210	6195	6303	-1173	17512	0	17512	2934	20446	50.01
18	6174	347	422	6943	232	4602	0	22	5934	5991	-1131	16659	0	16659	2893	19552	50.06
19	6310	387	426	7123	398	4596	0	0	5559	5860	-1178	16799	0	16799	2921	19720	50.06
20	5967	181	418	6566	498	4503	0	0	5443	5370	-1230	15707	0	15707	2806	18513	50.05
21	5602	66	439	6107	552	4217	0	0	5319	5225	-1359	14742	0	14742	2674	17416	50.06
22	5345	99	429	5873	527	3881	0	0	5311	5284	-1299	14266	0	14266	2551	16817	50.05
23	5271	64	430	5765	505	3800	0	0	5134	4920	-1323	13667	0	13667	2449	16116	49.98
24	5145	69	442	5656	523	3785	0	0	4734	5051	-1274	13741	0	13741	2355	16096	50.03
MUs	134.91	9.90	10.29	155.10	13.81	101.13	0.00	5.91	134.11	136.49	-27.67	384.78	0.00	384.78	60.73	445.51	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 27/Nov/2019

Position as on 6.30 Hrs of 28/Nov/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	
MSPGCL	Chandrapur Unit 7	500	27/07/2019	00.00		Continued.	Annual Overhaul	
MSPGCL	Ghatghar Unit-1	125	25/09/2019	04.20		Continued.	Withdrawn On Shaft Seal Water Leakage.Converted to AOH From 1 Nov 2019.	
MSPGCL	Koyna Unit 7	80	31/10/2019	16.30		Continued.	Turbine Vibration(converted to Capital Overhaul for 60 Days from 09.00Hrs DT.01-11-2019)	
MSPGCL	Nasik Unit 4	210	20/11/2019	04.15		Continued.	ID Fan Problem(Converted for Zero Schedule from 05.00hrs DT. 21-11-2019 and Continued for Annual Overhaul From 01.12.2019	
FORCED OUTAGE								
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	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
IPP	SWPGL U-2	135	27/11/2018	00.00		Continued.	No Schedule.	
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	Paras Unit 4	250	25/08/2019	00.45		Continued.	Annual Overhaul Converted Zero Schedule From 28.10.2019 18.00	
MSPGCL	Koradi Unit 7	210	27/08/2019	09.52		Continued.	Coal Flow Problem Due To Wet Coal.(Converted To Zero Schedule From 12.09.2019 At 20.00 hrs)	
IPP	RPL(AMT) U-1	270	01/09/2019	09.11		Continued.	Generator Protection operated	
MSPGCL	Bhusawal Unit 3	210	01/09/2019	17.56		Continued.	Zero Schedule from 18:00hrs of 28/09/2019	
MSPGCL	Koradi Unit 6	210	06/09/2019	15.41		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Nasik Unit 3	210	09/10/2019	23.57		Continued.	Under Case 4 Bidding.	
MSPGCL	Khaparkhedha Unit 1	210	12/10/2019	00.11		Continued.	Zero Schedule	
MSPGCL	Khaparkhedha Unit 2	210	12/10/2019	00.17		Continued.	Zero Schedule	
MSPGCL	Paras Unit 3	250	23/10/2019	00.00		Continued.	Zero Schedule	
IPP	RPL(AMT) U-3	270	25/10/2019	02.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-2	270	25/10/2019	22.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	09/11/2019	03.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 27/Nov/2019

Position as on 6.30 Hrs of 28/Nov/2019

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 8	108	23/11/2019	10.59		Continued.	NG Controller System Trip.	
MSPGCL	Bhusawal Unit 5	500	25/11/2019	08.49	27/11/2019	13.15	Boiler Tube Leakage	
MSPGCL	Koyana Unit 3	70	25/11/2019	12.50	27/11/2019	21.15	Cooler Leakage.	
MSPGCL	Khaparkheda Unit 3	210	27/11/2019	22.53		Continued.	Zero Schedule.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 27/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 28/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
765 KV LINE Outages/Trippings							
705 Tie Bay @ Tirora	IntraState	27/11/2019	12.25	27/11/2019	23.05	EO	Attend CB SF6 Gas Leakage.
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	26/11/2019	20.49	27/11/2019	02.56	T	High Pressure Tap Changer Problem.
Chandrapur - Padghe Hvdc Pole 1	IntraState	26/11/2019	20.49	27/11/2019	01.52	T	High Pressure Tap Changer Problem.
Chandrapur - Padghe Hvdc Pole 2	IntraState	27/11/2019	03.04	27/11/2019	19.29	T	Protection Card Problem.
Chandrapur - Padghe Hvdc Pole 1	IntraState	27/11/2019	03.04	27/11/2019	09.46	T	Converter Breaker Phase Discrepancy Alarm.
Chandrapur - Padghe Hvdc Pole 1	IntraState	28/11/2019	11.34		Continued.	PO	Annual Maintenance Work & Diagnostic Testing Work.
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	26/11/2019	18.25	27/11/2019	11.17	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	27/11/2019	19.25		Continued.	HT	Over Voltage
Chandrapur-II - Nanded ckt II	IntraState	26/11/2019	18.55	27/11/2019	16.09	EO	To attend Hot Spot
Khadka-Aurangabad (Waluj)	IntraState	26/11/2019	20.28	27/11/2019	08.32	HT	Over Voltage
TBC @ chandrapur	IntraState	27/11/2019	11.20	27/11/2019	17.34	EO	Replacement of B-Ph Isolator Pole.
Khadka-Aurangabad (Waluj)	IntraState	27/11/2019	18.58	28/11/2019	00.38	HT	Over Voltage
Jejuri- Koynastage-IV	IntraState	28/11/2019	07.38	28/11/2019	16.46	PO	Replacement Of Insulator.
Chandrapur-II - Nanded ckt II	IntraState	28/11/2019	15.23		Continued.	PO	Jaw Replacement Work
Khadka-Aurangabad (Waluj)	IntraState	28/11/2019	17:13		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 315 MVA ICT- 2 @Nagothane	IntraState	27/11/2019	10.17	27/11/2019	19.21	PO	33KV Bushing Clamp Replacement.
400/220/33 Kv 500 Mva Ict-3 @Nagothane	IntraState	28/11/2019	10.07	28/11/2019	18.58	PO	Attending CTR panel Related Problems.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12		Continued.	PO	No Schedule.(close at Mudshingi end only)
Talandage - Chikodi	InterState	01/10/2019	17.10		Continued.	PO	No Schedule.(close at Chikodi end only)
EKLAHARE (OCR) Nasik Navsari II	InterState	27/11/2019	09.12	27/11/2019	17.58	PO	Insulator Replacement Work
Tillari Amona	InterState	28/11/2019	06.42	28/11/2019	07.49	T	Tripped At Amona End Only.
Mahalakshmi Amona	InterState	28/11/2019	06.42	28/11/2019	07.49	T	Tripped At Amona End Only.
EKLAHARE (OCR) Nasik Navsari II	InterState	28/11/2019	09.11	28/11/2019	17.19	PO	Replacement Of Insulator.
Mahalakshmi Amona	InterState	28/11/2019	15.28	28/11/2019	16.22	T	Tripped At Amona End Only.
Tillari Amona	InterState	28/11/2019	15.28	28/11/2019	18.05	PO	Tripped At Amona End Only.
BOISAR BORIVALI	IntraState	24/07/2018	13.18		Continued.	HT	To Control Line Loading(H/T from Boisar end)
Kharghar - Tss Panvel	IntraState	26/11/2019	11.48		Continued.	PO	Construction Work
Topworth - Kharghar	IntraState	26/11/2019	12.11		Continued.	PO	Construction Work
Bableshwar Ahamadnagar-Ii	IntraState	27/11/2019	03.37	27/11/2019	07.30	T	Distance Protection
Koradi-Butibori Rly Tss	IntraState	27/11/2019	06.40	27/11/2019	11.42	T	Distance Protection
Nagothane-Wadkhal II	IntraState	27/11/2019	08.28	27/11/2019	16.21	PO	Replacement of Conductor.
khaparkheda-Khaparkheda(new)-I	IntraState	27/11/2019	09.36	27/11/2019	14.53	PO	Diagnostic Testing And Routine Maintenance Work.
Karad(400kv) - Wathar	IntraState	27/11/2019	09.50	27/11/2019	16.55	PO	Overhauling of CB.

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 27/Nov/2019

Statement-VII

Position as on 6.30 Hrs of 28/Nov/2019

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Tuljapur-Lamboti(Tap to Vairag s/st.)	IntraState	27/11/2019	10.13	27/11/2019	16.29	PO	Quarterly Maintenance Work
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	27/11/2019	10.21	27/11/2019	17.33	PO	Earthwire Replacement Work.
Ambazari-Amravati	IntraState	27/11/2019	10.23	27/11/2019	19.43	PO	1) Removing of Bunching Arrangement At Karanja And Connection With S/S Gantry, Commissioning of ICT 1&2.
Talandge-Hamidwada	IntraState	27/11/2019	10.25	27/11/2019	17.02	PO	Insulator Replacement Work
Akola-Paras Ckt No-li	IntraState	27/11/2019	10.30	27/11/2019	17.49	PO	Hot Spot Observed on CTS, 29D & 29A In Copper Pad Crimping. Hence To Replace The Jumpers of CTS,29C & 29A With Al Pads Outage Is Proposed.
Ghatghar - Bapgaon	IntraState	27/11/2019	10.52	27/11/2019	17.08	PO	Earthwire Replacement Work.
Padghe - Kambha	IntraState	27/11/2019	14.17	27/11/2019	19.39	PO	Distance Relay Replacement Work.
TPC Borivali Aarey Line 1	IntraState	28/11/2019	08.21	28/11/2019	16.59	PO	Gantry Erection Work.
Karad -Mudshingi Ckt- IV	IntraState	28/11/2019	09.22	28/11/2019	16.30	PO	Overhauling Of CB.
Roma-Bhavegar	IntraState	28/11/2019	09.41	28/11/2019	18.15	PO	Replacment Of PID Faulty Insulator.
Lonikand-VSNL	IntraState	28/11/2019	09.47	28/11/2019	18.14	PO	Double Jumpering Work.
Ghatghar - Bapgaon	IntraState	28/11/2019	09.56	28/11/2019	18.12	PO	Earthwire Replacment Work.
Eklahare (Gcr)(Nashik)- Ghatghar	IntraState	28/11/2019	10.07	28/11/2019	18.11	PO	Earth wire Replacement Work.
Nerle - Dasgaon	IntraState	28/11/2019	11.30	28/11/2019	17.12	PO	Distance Relay Testing Work
220kv Halkarni- Tillary	IntraState	28/11/2019	15.28	28/11/2019	16.22	T	Tripped At Halkarni End Only.
220 KV ICT Outages/Trippings							
220/33kV 100 MVA Transformer 4 @Aarey R/S	IntraState	26/11/2019	08.41	27/11/2019	00.59	PO	LV Bushing Replacement work
220/22-22 KV 100 MVA PTR 3 @ PAL-DOMBIVALI	IntraState	28/11/2019	11.30	28/11/2019	19.20	PO	Testing Work

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