

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 03/Sep/2016 SATURDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.149	346.514	1) Gujrat	9.006	24.591
2) Hydro	6.416	17.854	2) Madhya Pradesh	9.394	27.359
3) Gas	6.410	19.103	3) Chattisgarh	4.140	12.180
Total MSPGCL	122.975	383.471	4) Maharashtra Net	77.013	226.183
B) 1) APML	45.894	136.358	5) Goa (Amona)	-0.504	-1.758
2) JSWEL	20.051	49.701	6) TAPS 1&2 Injection	7.697	23.070
3) VIPL	10.075	30.242	7) RGPPL Injection	11.710	35.285
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	0.613	1.619
5) WPCL	2.657	11.822	9) Pench (Excess)	-0.613	-1.619
6) PGPL	6.855	14.104	Total	117.843	345.291
7) Other IPP	2.481	7.960	a) Mumbai Schedule	17.542	54.760
C) 1) TPCL Thermal	12.388	37.264	b) Mumbai Drawl	23.993	79.115
2) TPCL Hydro	5.920	18.218	c) MSEDCL Bilateral *	26.010	85.917
3) TPCL Gas	4.317	12.634	Include PX	-5.249	-5.249
4) R-INFRA Thermal	9.655	28.997	d) Mumbai Bilateral *	17.542	54.760
D) STATE			Include PX	0.917	4.226
1) Thermal	213.350	648.858	Include Standby	0.000	0.000
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro	12.336	36.072	1) MSEDCL	326.285	966.658
3) Gas	17.582	45.841	2) Mumbai Discoms	56.273	176.229
4) Wind	20.466	64.037	TOTAL STATE	382.558	1142.887
6) SOLAR	0.981	2.787			
TOTAL STATE	264.715	797.595			

* 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	4662	4559	4456	4628
MSPGCL Hydro	536	360	621	72
MSPGCL Gas	266	237	263	281
MSPGCL Total Generation	5464	5156	5340	4981
Central Sector Receipt	6023	5582	5176	3311
WIND	850	941	1019	698
CPP / IPP Thermal	3340	3661	3612	3298
CPP / IPP Gas	287	286	286	285
SOLAR	96	82	0	0
Exchange with Mumbai	-1346	-1287	-1161	-598
MSEDCL DEMAND MET	14714	14421	14272	11976
Load Shedding	0	0	0	0
MSEDCL DEMAND	14714	14421	14272	11976
TPCL GENERATION	1037	1012	1017	719
R-INFRA GENERATION	403	402	402	404
MUMBAI DEMAND	2786	2701	2580	1721
STATE DEMAND MET	17500	17122	16852	13697
STATE DEMAND	17500	17122	16852	13697
Frequency (Hz)	49.97	49.96	49.93	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.13 Hz at 18.00 Hrs	49.77 Hz at 19.07 Hrs	49.98	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 03/Sep/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	3.03	8.92	135	120
Unit 6	0.00	0.00	0	0
Unit 7	3.79	11.14	165	150
Unit 8	10.72	32.13	500	399
Total	17.54	52.19		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	0.00	12.75	0	0
Unit 5	9.00	26.80	385	370
Total	9.00	39.55		
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	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	4.01	12.06	170	163
Unit 4	1.94	9.99	165	0
Unit 5	8.86	26.49	385	359
Unit 6	8.74	26.33	375	351
Unit 7	8.65	26.06	384	341
Unit 8	8.68	26.35	380	307
Total	40.87	127.27		
Paras				
Unit 3	4.77	14.42	211	188
Unit 4	4.83	14.31	215	188
Total	9.60	28.73		
Khaparkheda				
Unit 1	3.84	11.50	165	155
Unit 2	3.92	10.54	165	160
Unit 3	3.97	11.89	167	164
Unit 4	3.89	11.68	164	161
Unit 5	9.62	29.32	405	392
Total	25.24	74.92		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	3.93	11.85	169	158
Unit 5	3.98	12.00	170	160
Total	7.90	23.85		
Uran				
All Units	6.41	19.10	288	237
Total	6.41	19.10		
PGPL				
Unit 1	4.35	8.95	182	180

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	2.51	5.16	106	103
Total	6.86	14.10		
PENCH (MS)				
Pench (MS)	0.61	1.62	40	20
Total	0.61	1.62		
Koyna				
Stage 1-2	2.38	6.08	410	25
Stage 4	0.00	0.51	0	0
Stage 3	0.65	2.52	80	0
Total	3.03	9.10		
Hydro				
KDPH	0.15	0.15	15	0
VTRNA	0.00	0.48	0	0
TILLARI	0.28	0.84	62	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.50	1.48	80	0
RNGR+BHTSA	0.00	0.57	0	0
BHANDARDRA	0.34	0.69	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.36	1.06	22	11
GHATGHAR	1.76	3.49	240	0
Total	3.39	8.75		
Wind				
Total	20.47	64.04	0	0
Total	20.47	64.04		
CPP				
APML(Mus)	45.89	136.36	0	0
JSWEL(Mus)	20.05	49.70	0	0
VIPL(Mus)	10.08	30.24	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.66	11.82	0	0
Other(Mus)	2.48	7.96	0	0
Total	81.16	236.08		
SOLAR				
Total	0.98	2.79	0	0
Total	0.98	2.79		
Tata				
Trombay 5	7.56	22.76	318	312
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.73	7.95	116	100
Trombay 7B	1.59	4.69	67	62
Trombay 8	4.83	14.51	203	198
TATA Hydro	5.92	18.22	345	21
Total	22.62	68.12		
R-INFRA				
1-2	9.66	29.00	404	401
Total	9.66	29.00		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	0.00
Koradi 9	0.00	0.00
Koradi 10	0.00	0.00
Parli 8	0.00	0.00

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	110.15	346.51
MSPGCL Thml+Gas	116.56	365.62
MSPGCL Hydro	6.42	17.85

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	122.98	383.47
Koyna 1,2 & 4 Total	2.38	6.59
State Total	264.72	797.60

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 03/Sep/2016

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	4649	66	269	4984	709	3303	286	0	4159	4245	-794	12733	0	12733	2049	14782	49.98
2	4645	72	269	4986	714	3294	285	0	3977	3743	-637	12386	0	12386	1903	14289	50.01
3	4647	67	268	4982	763	3293	285	0	3582	3429	-539	12213	0	12213	1773	13986	50.01
4	4628	72	281	4981	698	3298	285	0	3142	3311	-598	11976	0	11976	1721	13697	49.98
5	4652	67	269	4988	713	3313	286	0	3094	3675	-544	12431	0	12431	1724	14155	49.97
6	4641	72	269	4982	629	3299	286	0	4460	4272	-532	12936	0	12936	1804	14740	49.95
7	4648	77	266	4991	831	3225	286	2	5282	5268	-666	13936	0	13936	1899	15835	49.96
8	4680	109	268	5057	965	3229	285	32	5205	5685	-747	14506	0	14506	2082	16588	50.00
9	4622	390	288	5300	917	3234	285	53	5324	5579	-902	14466	0	14466	2284	16750	50.01
10	4610	608	270	5488	770	3319	286	76	5453	5924	-1149	14714	0	14714	2569	17283	49.98
11	4662	536	266	5464	850	3340	287	96	5650	6023	-1346	14714	0	14714	2786	17500	49.97
12	4702	487	277	5466	717	3346	286	134	5716	5973	-1353	14569	0	14569	2787	17356	49.95
13	4571	447	268	5286	683	3338	286	146	5634	5923	-1381	14281	0	14281	2775	17056	49.99
14	4587	359	266	5212	736	3317	286	147	5523	5785	-1310	14173	0	14173	2680	16853	50.01
15	4583	405	264	5252	737	3399	286	121	5446	5716	-1268	14243	0	14243	2663	16906	49.99
16	4559	360	237	5156	941	3661	286	82	5347	5582	-1287	14421	0	14421	2701	17122	49.96
17	4555	99	260	4914	1168	3595	286	63	5140	5029	-1262	13793	0	13793	2658	16451	49.96
18	4537	101	260	4898	1260	3345	285	28	4175	4308	-1255	12869	0	12869	2660	15529	49.97
19	4529	513	261	5303	1106	3322	285	1	3839	4349	-1207	13159	0	13159	2636	15795	49.99
20	4456	621	263	5340	1019	3612	286	0	5187	5176	-1161	14272	0	14272	2580	16852	49.93
21	4478	275	263	5016	864	3672	285	0	5083	5233	-1151	13920	0	13920	2527	16447	50.00
22	4506	111	264	4881	870	3680	285	0	4910	4786	-1052	13450	0	13450	2428	15878	49.98
23	4508	91	277	4876	894	3427	286	0	4756	4644	-1013	13114	0	13114	2337	15451	49.96
24	4494	411	267	5172	912	3296	286	0	3933	4184	-839	13011	0	13011	2247	15258	49.95
MUs	110.15	6.42	6.41	122.97	20.47	81.16	6.86	0.98	114.02	117.84	-23.99	326.28	0.00	326.28	56.27	382.56	49.98

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 03/Sep/2016

Position as on 6.30 Hrs of 04/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown,(AOH for 06.03.2016 To 04.04.2016) Unit Test synch.07.04.2016 (12.03 To 12.30hrs)After overhaul	
MSPGCL	Koyna Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No PPA.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 6	250	25/06/2015	15.03		Continued.	Water Shortage	
MSPGCL	Parli Unit 4	210	05/07/2015	18.45		Continued.	Water Shortage	
MSPGCL	Parli Unit 5	210	06/07/2015	14.55		Continued.	Water Shortage.	
MSPGCL	Parli Unit 7	250	08/07/2015	12.08		Continued.	Water Shortage	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	WPCL U-2	135	29/02/2016	21.46		Continued.	Change over against Unit III	
IPP	RPL(AMT) U-5	270	24/05/2016	00.05		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Uran Unit 7	108	24/05/2016	17.42		Continued.	Generation Bearing Vibration High.	
MSPGCL	Koradi Unit 9	660	04/06/2016	14.45		Continued.	No concent to operate	
MSPGCL	Bhusawal Unit 2	210	14/06/2016	19.35		Continued.	Boiler Tube Leakage(Converted to Zero Shedule By MSEDCL. from 00.00Hrs dt.19-6-16)	
IPP	RPL(AMT) U-2	270	18/06/2016	06.54		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-3	270	29/06/2016	03.01		Continued.	Zero Shedule By MSEDCL.	
IPP	RPL(AMT) U-4	270	30/06/2016	10.11		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-1	270	01/07/2016	18.40		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 3	210	08/07/2016	23.57		Continued.	ID Fan Problem (Converted to Zero schedule by MSEDCL from 11-07-2016)	
IPP	Adani U-4	660	13/07/2016	02.22		Continued.	Zero Shedule By MSEDCL,Shedule Glven On 21/08/2016	
MSPGCL	Chandrapur Unit 9	500	11/08/2016	22.11		Continued.	Oil Shortage.	
MSPGCL	Uran Unit 8	108	14/08/2016	07.56		Continued.	Maintenance work	
MSPGCL	Uran Unit B0	120	14/08/2016	07.56		Continued.	Maintenance work	
RGPL	Dabhol 3A	230	16/08/2016	17.24		Continued.	Change Over	
MSPGCL	Koyna Unit 8	80	19/08/2016	11.00		Continued.	High Vibration On LGB & UGB.	
RGPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 03/Sep/2016

Position as on 6.30 Hrs of 04/Sep/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Nasik Unit 3	210	28/08/2016	21.45		Continued.	Zero Shedule By MSEDCL.	
MSPGCL	Bhusawal Unit 4	500	02/09/2016	10.35		Continued.	Boiler Tube Leakage (Converted to Zero schedule from 20:30 Hrs of 04/09/2016)	
IPP	WPCL U-3	135	03/09/2016	06.01	04/09/2016	16.32	Turbine Governar Valve Problem.	
MSPGCL	Koyna Unit 4	75	03/09/2016	11.40	03/09/2016	16.40	Bus section 1 outage	
MSPGCL	Koyna Unit 3	75	03/09/2016	11.42	03/09/2016	17.30	Bus section 1 outage	
MSPGCL	Koyna Unit 1	75	03/09/2016	11.50	03/09/2016	17.10	Bus section 1 outage	
MSPGCL	Koyna Unit 2	75	03/09/2016	11.56	03/09/2016	17.40	Bus section 1 outage	
MSPGCL	Chandrapur Unit 4	210	03/09/2016	12.04		Continued.	Boiler Tube Leakage	
MSPGCL	Koradi Unit 5	200	04/09/2016	01.13	04/09/2016	06.42	Flame Failure	
PGPL	PGPL U2	126	04/09/2016	14.15	04/09/2016	14.47	Turbine Vibration	
MSPGCL	Nasik Unit 5	210	04/09/2016	16.30	04/09/2016	20.20	P.T fuse failure.	

State Load Despatch Center, Airoli (MSETCL)
Details of Line outages/Trippings for 03/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 04/Sep/2016

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							
Kolhapur Solapur(PG) I	InterState	02/09/2016	16.38	03/09/2016	07.08	HT	Over Voltage
Kolhapur Solapur(PG) I	InterState	04/09/2016	21.45		Continued.	HT	Over Voltage
Ektuni-Bableshwar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
karad -kolhapur-I	IntraState	29/08/2016	16.14		Continued.	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	31/08/2016	16.48		Continued.	HT	Over Voltage
Karad-Jaigad - I	IntraState	02/09/2016	15.52		Continued.	HT	Over Voltage
Main Bus-II @ Aurangabad	IntraState	03/09/2016	11.37	03/09/2016	20.02	PO	Routine Maintenance Work
Main Bus - I @ Deepnagar	IntraState	04/09/2016	07.32	04/09/2016	18.09	PO	Replacement of BPI isolator alignment.
Babhaleshwar - Padghe-II	IntraState	04/09/2016	12.28	04/09/2016	15.58	T	D P tripped B-N fault padgha.
400 KV ICT Outages/Trippings							
400/220kv, 500 MVA ICT-III @Babhleshwar	IntraState	20/08/2016	11.06		Continued.	PO	Shifted on TBC, by hot line jumper open for construction of kudus bay ektuni CKT-2 will remain off during this outage period.
400/132 Kv 200 Mva Ict 1 @Khadka	IntraState	03/09/2016	08.23	03/09/2016	13.20	PO	Quarterly Maintanance Work
400/220KV 500MVA ICT 2@koradi 2	IntraState	03/09/2016	19.20	04/09/2016	16.24	T	Tripped on NDR
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Talandage end)
Mudshingi - Chikodi	InterState	01/09/2016	00.00		Continued.	HT	No schedule from Karnataka(H/T from Chikodi end)
Boisar Tarapur	InterState	03/09/2016	14.10	03/09/2016	16.00	PO	Shifted on TBC.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumer 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 jumer at Loc no 86 & 107 and de-energising the line bet.86 to 107.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Kalwa-Salsette-IV	IntraState	28/06/2016	18.17		Continued.	T	Distance Protection
Bableshwar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Sonkhar - Trombay	IntraState	03/09/2016	06.10	03/09/2016	09.57	PO	Attending Hot Spot
Kalwa - Siemens	IntraState	03/09/2016	08.56	03/09/2016	12.48	PO	Taken on TBC
Versova Aarey Line 1	IntraState	03/09/2016	09.03	03/09/2016	12.42	PO	Replacement of relay.
Kandalgaon - Koyna	IntraState	03/09/2016	11.44	03/09/2016	20.05	PO	Bus section 1 outage.
Pophali - Kdph	IntraState	03/09/2016	11.46	03/09/2016	16.50	PO	BUS SECTION 1 OUTAGE
Pedambe-Pophali	IntraState	03/09/2016	11.48	03/09/2016	16.30	PO	bus section 1 outage.
Babhaleshwar-Nagar-I	IntraState	03/09/2016	11.58	03/09/2016	18.16	PO	Isolator alignment and maintance work.
Main Bus Section-I @ Pophali	IntraState	03/09/2016	12.05	03/09/2016	16.30	PO	Attending broken strands of B ph conductor.
BUS A @Kharghar	IntraState	04/09/2016	08.53	04/09/2016	18.21	PO	Outage for maintance work.
Pedambe-Nerle	IntraState	04/09/2016	10.27	04/09/2016	11.15	T	Tripped at pedambe end only.
karad - Dasgaon	IntraState	04/09/2016	10.28	04/09/2016	11.05	T	Tripped at karad end only on backup prot.
Pophli Pedhmbe Line- 1	IntraState	04/09/2016	14.13	04/09/2016	19.35	T	Distance Protection
Kalwa-TIFIL	IntraState	04/09/2016	17.44	04/09/2016	19.54	T	Bus Bar Protection Operated
Mahape - TIFIL	IntraState	04/09/2016	17.44	04/09/2016	19.47	T	Bus Bar Protection Operated
Ongc Panvel - Tss Panvel	IntraState	04/09/2016	22.50		Continued.	T	CT burst at TSS metering RPH.

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 03/Sep/2016

Statement-VII

Position as on 6.30 Hrs of 04/Sep/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Kandalgaon - ONGC Panvel	IntraState	04/09/2016	22.50	04/09/2016	23.10	T	CT burst at TS metering RPH.
Kharghar - Tss Panvel	IntraState	04/09/2016	22.50		Continued.	T	CT burst at TSS metering RPH.
220 KV ICT Outages/Trippings							
220/100 Kv 200 MVA ICT III @Borivali	IntraState	21/09/2014	09.16		Continued.	T	Failed on internal Fault(Now repaired and ready for commissioning)
220/132 KV 200MVA Vijai ICT-2 @Theur	IntraState	03/09/2016	09.17	03/09/2016	18.22	PO	Half yearly maintenance work
220/132 Kv 200MVA ICT II @Dhule	IntraState	03/09/2016	09.21	03/09/2016	16.24	PO	Testing Work
200MVA ICT - IV @ Nasik	IntraState	03/09/2016	10.02	03/09/2016	11.24	EO	Attented red hot.
220/132 Kv 200 Mva Cgl Ict 1 @Raymond (Nasik 2)	IntraState	03/09/2016	13.27	03/09/2016	18.27	PO	Testing Work
132 KV LINE Outages/Trippings							
Theur-Sanaswadi	IntraState	02/09/2016	03.27	03/09/2016	18.35	T	Distance Protection,B Phase Earth Fault,Zone-2.
Dhule- Nardane	IntraState	03/09/2016	16.30	03/09/2016	17.50	T	Control cable problem at dhule end.
100 KV LINE Outages/Trippings							
Vasai-li - Vasai 2 Line	IntraState	13/08/2016	08.53		Continued.	HT	ICT Problem.

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