

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 23/Feb/2016 TUESDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	110.706	2465.590	1) Gujrat	-3.552	-77.180
2) Hydro	7.133	133.021	2) Madhya Pradesh	11.864	203.778
3) Gas	10.727	227.967	3) Chattisgarh	5.780	120.600
Total MSPGCL	128.566	2826.578	4) Maharashtra Net	79.628	1757.209
B) 1) APML	66.755	1409.651	5) Goa (Amona)	-0.518	-10.802
2) JSWEL	25.284	574.530	6) TAPS 1&2 Injection	3.823	78.679
3) VIPL	12.598	229.319	7) RGPPL Injection	11.626	267.194
4) RPL(AMT)	16.927	459.781	8) Pench (MS)	0.521	11.689
5) WPCL	3.636	102.397	9) Pench (Excess)	-0.521	-11.625
6) Other IPP	9.388	208.292	Total	108.130	2327.853
C) 1) TPCL Thermal	9.845	192.192	a) Mumbai Schedule	18.207	377.956
2) TPCL Hydro	4.009	81.450	b) Mumbai Drawl	22.419	519.210
3) TPCL Gas	4.126	87.339	c) MSEDCL Bilateral *	31.316	675.942
4) R-INFRA Thermal	11.371	243.235	Include PX	-0.279	-70.342
D) STATE			d) Mumbai Bilateral *	18.207	377.956
1) Thermal	266.510	5884.987	Include PX	2.284	24.200
(A1+C1+C4+(B1-B6))			Include Standby	0.000	0.000
2) Hydro (A2+C2)	11.142	214.471	H) ENERGY CATERED (MUs)		
3) Gas (A3+C3)	14.853	315.306	1) MSEDCL	357.314	7805.721
4) Wind	7.163	158.169	2) Mumbai Discoms	51.770	1123.420
6) SOLAR	1.286	28.361	TOTAL STATE	409.084	8929.141
TOTAL STATE	300.954	6601.294			

* 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 20 Hrs	D. Night Minimum at 4 Hrs
MSPGCL Thermal	4973	4916	4905	4134
MSPGCL Hydro	735	600	112	105
MSPGCL Gas	444	418	445	462
MSPGCL Total Generation	6152	5934	5462	4701
Central Sector Receipt	5064	4859	4275	3803
WIND	92	66	538	425
CPP / IPP	5914	5897	5907	4958
SOLAR	158	190	0	0
Exchange with Mumbai	-1084	-1130	-1137	-550
MSEDCL DEMAND MET	16296	15816	15045	13337
Load Shedding	4	4	5	4
MSEDCL DEMAND	16300	15820	15050	13341
TPCL GENERATION	1045	985	889	463
R-INFRA GENERATION	513	518	520	405
MUMBAI DEMAND	2642	2633	2546	1418
STATE DEMAND MET	18938	18449	17591	14755
STATE DEMAND	18942	18453	17596	14759
Frequency (Hz)	49.96	49.93	49.96	49.96

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 18.03 Hrs	49.73 Hz at 05.51 Hrs	49.94	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 23/Feb/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	0.00	62.24	0	0
Unit 6	0.00	0.00	0	0
Unit 7	3.74	19.10	174	140
Unit 8	8.41	136.10	355	350
Total	12.15	217.44		
Bhusawal				
Unit 2	4.07	92.00	180	160
Unit 3	4.18	82.12	190	165
Unit 4	0.00	121.46	0	0
Unit 5	10.53	181.10	505	350
Total	18.78	476.68		
Parli				
Unit 3	0.00	0.00	0	0
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 1	0.00	0.00	0	0
Unit 2	0.00	0.00	0	0
Unit 3	4.41	80.76	202	165
Unit 4	4.28	95.68	202	160
Unit 5	10.14	215.47	470	365
Unit 6	0.00	196.73	0	0
Unit 7	9.56	158.62	435	359
Total	28.40	747.26		
Paras				
Unit 3	5.55	112.43	255	192
Unit 4	5.60	113.66	262	190
Total	11.14	226.09		
Khaparkheda				
Unit 1	3.97	84.33	180	145
Unit 2	3.78	77.85	180	135
Unit 3	4.39	70.31	200	162
Unit 4	4.22	89.80	201	160
Unit 5	10.85	228.19	508	365
Total	27.21	550.48		
Nasik				
Unit 3	4.40	61.04	200	160
Unit 4	4.22	94.03	193	158
Unit 5	4.40	89.31	202	162
Total	13.03	244.38		
Uran				
All Units	10.73	227.97	463	411
Total	10.73	227.97		

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
PENCH (MS)				
Pench (MS)	0.52	11.69	49	0
Total	0.52	11.69		
Koyna				
Stage 1-2	3.12	51.11	475	40
Stage 4	1.00	9.15	200	0
Stage 3	1.24	14.76	160	0
Total	5.36	75.02		
Hydro				
KDPH	0.42	9.39	18	17
VTRNA	0.00	0.28	0	0
TILLARI	0.18	1.87	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.13	5.00	40	0
RNGR+BHTSA	0.25	5.09	11	10
BHANDARDRA	0.00	4.89	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.79	16.30	33	32
GHATGHAR	0.00	15.18	0	0
Total	1.77	58.00		
Wind				
Total	7.16	158.17	0	0
Total	7.16	158.17		
CPP				
APML(Mus)	66.76	1409.65	0	0
JSWEL(Mus)	25.28	574.53	0	0
VIPL(Mus)	12.60	229.32	0	0
RPLAMT(Mus)	16.93	459.78	0	0
WPCL(Mus)	3.64	102.40	0	0
Other(Mus)	9.39	208.29	0	0
Total	134.59	2983.97		
SOLAR				
Total	1.29	28.36	0	0
Total	1.29	28.36		
Tata				
Trombay 5	9.84	156.42	493	315
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.58	53.58	115	89
Trombay 7B	1.55	33.76	68	58
Trombay 8	0.00	35.77	0	0
TATA Hydro	4.01	81.45	434	0
Total	17.98	360.98		
R-INFRA				
1-2	11.37	243.24	520	402
Total	11.37	243.24		

Infirm Power	Chandrapur 8	0.00	Koradi 9	0.00
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Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	110.71	2465.59
MSPGCL Thml+Gas	121.43	2693.56

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Hydro	7.13	133.02
MSPGCL Total	128.57	2826.58

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
Koyna 1,2 & 4 Total	4.12	60.26
State Total	300.95	6601.29

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 23/Feb/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													
1	4151	104	461	4716	138	5309	0	4710	4521	-780	13904	5	13909	1649	15558	49.94
2	4150	100	462	4712	135	5307	0	4641	3961	-678	13437	4	13441	1548	14989	49.97
3	4135	100	462	4697	260	5166	0	4223	3942	-592	13473	4	13477	1460	14937	49.96
4	4134	105	462	4701	425	4958	0	3953	3803	-550	13337	4	13341	1418	14759	49.96
5	4142	115	463	4720	390	4908	0	4205	3975	-557	13436	4	13440	1426	14866	49.97
6	4280	140	463	4883	318	5004	0	4506	4456	-636	14025	4	14029	1551	15580	49.84
7	4674	355	453	5482	246	5410	0	4833	5052	-681	15509	4	15513	1753	17266	49.89
8	4950	641	463	6054	185	5753	10	4888	4948	-602	16348	4	16352	1858	18210	49.93
9	4910	779	451	6140	124	5879	66	4826	4920	-850	16279	4	16283	2197	18480	49.94
10	4926	570	450	5946	105	5919	109	4920	5280	-975	16384	4	16388	2435	18823	49.96
11	4973	735	444	6152	92	5914	158	4977	5064	-1084	16296	4	16300	2642	18942	49.96
12	4931	731	433	6095	56	5950	169	5045	4968	-1080	16158	4	16162	2705	18867	49.90
13	4916	600	418	5934	66	5897	190	5023	4859	-1130	15816	4	15820	2633	18453	49.93
14	4874	266	411	5551	133	5900	176	4858	5121	-990	15891	5	15896	2490	18386	49.97
15	4862	416	422	5700	201	5918	180	4895	4809	-1006	15802	5	15807	2536	18343	49.91
16	4847	225	440	5512	237	5938	115	4987	4896	-1016	15682	5	15687	2588	18275	49.89
17	4948	232	433	5613	279	5888	86	4766	4612	-1070	15408	5	15413	2582	17995	49.94
18	4924	192	423	5539	358	5894	27	3642	3474	-1120	14172	5	14177	2556	16733	49.98
19	4909	177	443	5529	521	5912	0	3962	3721	-1064	14619	5	14624	2511	17135	49.98
20	4905	112	445	5462	538	5907	0	4872	4275	-1137	15045	5	15050	2546	17596	49.96
21	4641	102	455	5198	589	5671	0	4874	4534	-1311	14681	5	14686	2444	17130	49.96
22	4229	132	451	4812	596	5464	0	4634	4601	-1340	14133	5	14138	2269	16407	50.00
23	4144	102	460	4706	568	5375	0	4613	4037	-1139	13547	5	13552	2042	15594	49.93
24	4151	102	459	4712	603	5346	0	4621	4307	-1031	13937	5	13942	1931	15873	49.97
MUs	110.7 1	7.13	10.73	128.57	7.16	134.59	1.29	111.47	108.14	-22.42	357.32	0.11	357.43	51.77	409.20	49.94

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 23/Feb/2016

Position as on 6.30 Hrs of 24/Feb/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
CENT.SECTOR	Tarapur 2	160	10/09/2015	12.55		Continued.	Refuelling work	
MSPGCL	Koyana Unit 10	80	29/12/2015	08:00		Continued.	Annual Overhaul	
FORCED OUTAGE								
RGPPL	Dabhol 1B	230	28/05/2013	22:02		Continued.	Gas Shortage.	
RGPPL	Dabhol 3A	230	06/06/2013	08.28		Continued.	Gas Shortage	
RGPPL	Dabhol 1X	290	27/06/2013	21.46		Continued.	Gas Shortage	
RGPPL	Dabhol 1A	230	27/06/2013	21.47		Continued.	Gas Shortage	
IPP	Dhariwal	300	28/05/2014	02.27		Continued.	No schedule	
MSPGCL	Chandrapur Unit 1	210	28/08/2014	07:15		Continued.	Economic Shutdown.	
MSPGCL	Koradi Unit 6	210	20/03/2015	01.02		Continued.	Economic shutdown	
MSPGCL	Parli Unit 3	210	14/06/2015	12.58		Continued.	Water Shortage	
IPP	WPCL U-2	135	16/06/2015	00.00		Continued.	No Schdule	
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	
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown	
MSPGCL	Chandrapur Unit-8	500	10/11/2015	12.10		Continued.	Drum level low	
RGPPL	Dabhol 3B	230	07/01/2016	17:51		Continued.	Change Over.	
MSPGCL	Chandrapur Unit 2	210	12/01/2016	04.47		Continued.	Boiler Tube Leakage	
MSPGCL	Uran Unit 5	108	19/01/2016	14.34		Continued.	Overhauling	
RGPPL	Dabhol 3X	290	03/02/2016	15:36		Continued.	Change Over	
TPC_G	Trombay 8	250	07/02/2016	17.40		Continued.	Boiler Maintenance Work,Bearing Inspection.	
MSPGCL	Ghatghar Unit-2	125	09/02/2016	18.00		Continued.	oil filtration work.	
MSPGCL	Bhusawal Unit 4	500	14/02/2016	12.10		Continued.	Zero Schedule Given by MSEDCL.	
MSPGCL	Ghatghar Unit-1	125	15/02/2016	00.00		Continued.	Attending Water valve Leakage.	
IPP	WPCL U-2	135	16/02/2016	00.00	23/02/2016	20.30	No PPA.	
IPP	RPL(AMT) U-2	270	16/02/2016	01.14		Continued.	Due to Zero Schedule Given by MSEDCL.	
IPP	RPL(AMT) U-3	270	16/02/2016	01.17		Continued.	Due to Zero Schedule Given by MSEDCL.	
CPP	WPCL U-1	135	16/02/2016	17.09		Continued.	Change Over , No Schedule	
MSPGCL	Koradi Unit 5	200	18/02/2016	11.21		Continued.	MSEDCL Zero Shedule.	
CENT.SECTOR	TARAPUR 4	540	21/02/2016	10:33		Continued.	Transient Electric fault in Nuclear reactor.	
MSPGCL	Chandrapur Unit 6	500	21/02/2016	15.19		Continued.	Boiler Tube Leakage	
IPP	WPCL U-3	135	23/02/2016	07.28		Continued.	Botom Ash Conveyer belt problem.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 23/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 24/Feb/2016

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							
Koradi III - Akola II- ckt-II	IntraState	19/02/2016	09:28		Continued.	PO	Annual Maintenance Work
Koradi III - Tirora - I	IntraState	23/02/2016	08.19	23/02/2016	20.26	PO	Annual Maintenance Work
500 KV LINE Outages/Trippings							
HVDC Pole-I	IntraState	23/02/2016	22.42	24/02/2016	01.55	PO	For Testing Work.
400 KV LINE Outages/Trippings							
Dhule Sar'Sarovar I	InterState	22/02/2016	09.06	23/02/2016	06.48	PO	Maintenance Work.
Kolhapur Solapur (PG) II	InterState	22/02/2016	21.36	23/02/2016	06.52	HT	Over Voltage
Dhule Sar'Sarovar I	InterState	23/02/2016	09.16		Continued.	PO	Maintenance Work (RFC a t17.39)
Padgha - Boisar (PG)	InterState	23/02/2016	09.41	23/02/2016	18.31	PO	Annual Maintenance Work
Chandrapur Bhadravati I	InterState	23/02/2016	13.50	23/02/2016	19.05	PO	Meter Calibration Work.
Kolhapur Solapur(PG) I	InterState	23/02/2016	18.03		Continued.	HT	Over Voltage
Akola II - Taptitanda ckt-II	IntraState	31/12/2015	18.16		Continued.	HT	Change over
Bhusawal-Aurangabad	IntraState	11/02/2016	14.05		Continued.	HT	Over Voltage
Babhaleshwar-Taptitanda ckt-II	IntraState	11/02/2016	18.40		Continued.	HT	CHANGE OVER
N.Koyna-Karad -Ckt II	IntraState	22/02/2016	16.11	23/02/2016	09.15	HT	Over Voltage
Karad-Jaigad - I	IntraState	22/02/2016	17.23	23/02/2016	09.17	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	23/02/2016	08.56	23/02/2016	17.14	PO	Disc Insulator string Replacement work.
Lonikand 1 - Talegaon(Pgcil)	IntraState	23/02/2016	15.53	23/02/2016	16.09	T	Due to DT Received at Lonikand End.
karad -kolhapur-II	IntraState	23/02/2016	16.40	24/02/2016	06.30	HT	Over Voltage
Karad - Jaigad - II	IntraState	23/02/2016	16.44		Continued.	HT	Over Voltage
400 KV ICT Outages/Trippings							
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	23/02/2016	00.47	23/02/2016	01.03	EO	Emergency Shifting of Oil Tank Required @ 220KV Boiser S/S.
400/220/33 Kv 315 Mva ICT I @Akola	IntraState	23/02/2016	08.00	23/02/2016	14.43	PO	PID Work by Hot line unit.
400/220 Kv 105 Mva Y Ph Spare Ict @Chakan	IntraState	23/02/2016	10.19	23/02/2016	17.36	PO	Annual Maintenance Work
220 KV LINE Outages/Trippings							
Hingoli- Girawali	InterState	14/02/2016	12.37		Continued.	HT	To Improve Voltage @ Hingoli.
Nasik Navsari I	InterState	23/02/2016	11.13	23/02/2016	11.41	T	Distance Protection
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.
Kalwa - Borivali	IntraState	10/01/2016	09:15		Continued.	PO	Tower Erection Work.
GIS Bhandup - Borivali	IntraState	11/01/2016	07.42		Continued.	PO	Tower Erection Work.
Padghe - Vasai	IntraState	24/01/2016	08.32		Continued.	PO	For Formation of Temp. Padgha-Borivali (Charge upto 51/1).
Bableshevar- Alephata	IntraState	03/02/2016	06.28		Continued.	HT	controlling bblsr ICT Overloading
Bableshevar- Ranjangaon	IntraState	03/02/2016	07.12		Continued.	HT	controlling bblsr ICT Overloading
Padghe - Jambhul 1	IntraState	19/02/2016	15.10		Continued.	PO	Strengthening of A and B Bus structure(For 8 Days),Taken on TBC.
Warora - Wardha	IntraState	22/02/2016	04.14		Continued.	T	R Ph CT Burst,Bus Bar Operated(Warora,Wani,WPCL Gen. Affected).
Miraj - Ichalkaranji II	IntraState	22/02/2016	09.07		Continued.	HT	To Control Loading of ICT @

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 23/Feb/2016

Statement-VII

Position as on 6.30 Hrs of 24/Feb/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
							Kolhapur TO Avail Outage.
Chikhli-Jalna-I	IntraState	22/02/2016	15.05		Continued.	HT	For Akola ICT Over Loading.
Chikhli-Jalna-II	IntraState	22/02/2016	15.05		Continued.	HT	For Akola ICT Over Loading.
Chakan-Chinchwad	IntraState	22/02/2016	21.34	23/02/2016	05.43	PO	M/C Tower Erection Work.
Telco- Chinchwad	IntraState	22/02/2016	21.56	23/02/2016	05.47	PO	M/C Tower Erection Work.
Flagship-Nandedcity	IntraState	23/02/2016	05.34	23/02/2016	21.00	HT	Control Line Loading.
Tambati - Adlabs	IntraState	23/02/2016	07.50	23/02/2016	10.50	PO	Routine Maintenance Work
Kharghar - Tss Panvel	IntraState	23/02/2016	10.00	23/02/2016	18.02	PO	Testing Work
Karad - Sadawagpur I	IntraState	23/02/2016	11.09	23/02/2016	19.05	PO	Routine Maintenance Work
Pedhambe - Oni	IntraState	23/02/2016	12.59	23/02/2016	13.20	T	Distance Protection
Boisar II - PGCIL I	IntraState	23/02/2016	14.50	23/02/2016	17.55	PO	Line Maintenance work
Hinjawadi I- Chinchwad	IntraState	23/02/2016	20.46	24/02/2016	06.07	PO	To Control Urse-Chinchwad line Loading.
Chakan-Chinchwad	IntraState	23/02/2016	21.06		Continued.	PO	M/C Tower Erection Work.
Telco- Chinchwad	IntraState	23/02/2016	21.07	24/02/2016	05.49	PO	M/C Tower Erection Work.
Tata Borivli MSETCL Borivli 4	IntraState	24/02/2016	04.44		Continued.	T	Distance Protection
Salsette Borivli 2	IntraState	24/02/2016	04.44		Continued.	T	Distance Protection
Salsette Borivli 1	IntraState	24/02/2016	04.44		Continued.	T	Distance Protection
Flagship-Nandedcity	IntraState	24/02/2016	05.58		Continued.	HT	Control Line Loading.
Talandage(kolh'r)- Sawantwadi II	IntraState	24/02/2016	06.24	24/02/2016	06.44	T	Distance Protection
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 200 Mva Ict - 2 @Harangul	IntraState	15/02/2016	13.04		Continued.	PO	Work of Oil Filtration of ICT.
220/33kv 100 MVA ICT-II @ Boisar	IntraState	20/02/2016	14.51		Continued.	T	Differential Protn.Optd./Internal Fault.Declared Faulty.
220/100 Kv 200 MVA ICT-IV@Kalwa	IntraState	23/02/2016	09.39	23/02/2016	12.58	PO	B Ph LA Replacement Work.
220/110 Kv 200 MVA ICT-III @Kolhapur-II (Mudshingi)	IntraState	23/02/2016	11.30	23/02/2016	16.27	PO	Routine Maintenance Work
132 KV LINE Outages/Trippings							
Chinchwad-Rahatani	IntraState	22/02/2016	13.31		Continued.	T	Distance Protection R Pole Burst.

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