

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Aug/2016 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	122.658	2043.413	1) Gujrat	9.841	167.277
2) Hydro	5.360	330.637	2) Madhya Pradesh	12.999	346.734
3) Gas	5.673	185.632	3) Chattisgarh	4.910	165.590
Total MSPGCL	133.691	2559.682	4) Maharashtra Net	73.228	1694.270
B) 1) APML	52.096	968.247	5) Goa (Amona)	-0.396	-16.703
2) JSWEL	22.399	548.336	6) TAPS 1&2 Injection	6.290	194.339
3) VIPL	11.814	262.526	7) RGPPL Injection	12.286	308.726
4) RPL(AMT)	0.000	0.000	8) Pench (MS)	0.521	7.722
5) WPCL	4.635	115.971	9) Pench (Excess)	-0.521	-7.722
6) PGPL	6.885	57.403	Total	118.637	2852.511
7) Other IPP	2.412	59.081	a) Mumbai Schedule	20.647	493.582
C) 1) TPCL Thermal	13.331	369.541	b) Mumbai Drawl	25.467	589.779
2) TPCL Hydro	6.450	146.922	c) MSEDCL Bilateral *	27.889	701.067
3) TPCL Gas	3.844	99.037	Include PX	-1.573	-32.856
4) R-INFRA Thermal	9.665	270.874	d) Mumbai Bilateral *	20.647	493.582
D) STATE			Include PX	1.225	43.361
1) Thermal	239.010	4637.989	Include Standby	0.000	0.000
(A1+C1+C4+(B1-B6))			H) ENERGY CATERED (MUs)		
2) Hydro	11.810	477.559	1) MSEDCL	349.015	7908.582
3) Gas	16.402	342.072	2) Mumbai Discoms	58.757	1476.149
4) Wind	21.083	1052.330	TOTAL STATE	407.772	9384.731
6) SOLAR	0.830	22.274			
TOTAL STATE	289.135	6532.224			

* 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	5499	5667	5050	4676
MSPGCL Hydro	576	198	445	81
MSPGCL Gas	301	300	0	300
MSPGCL Total Generation	6376	6165	5495	5057
Central Sector Receipt	5478	5390	4950	4475
WIND	697	638	1051	818
CPP / IPP Thermal	4273	4288	3896	3481
CPP / IPP Gas	284	285	295	286
SOLAR	80	85	3	0
Exchange with Mumbai	-1341	-1374	-1246	-681
MSEDCL DEMAND MET	15847	15477	14444	13436
Load Shedding	0	0	0	0
MSEDCL DEMAND	15847	15477	14444	13436
TPCL GENERATION	1295	1229	1081	632
R-INFRA GENERATION	402	404	403	403
MUMBAI DEMAND	3038	3007	2730	1716
STATE DEMAND MET	18885	18484	17174	15152
STATE DEMAND	18885	18484	17174	15152
Frequency (Hz)	49.98	49.97	49.91	49.98

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.17 Hz at 18.02 Hrs	49.73 Hz at 19.16 Hrs	49.97	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 26/Aug/2016

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 5	2.82	4.95	130	110
Unit 6	0.00	0.00	0	0
Unit 7	3.30	11.59	150	125
Unit 8	12.09	229.64	581	416
Total	18.22	246.18		
Bhusawal				
Unit 2	0.00	0.00	0	0
Unit 3	0.00	0.00	0	0
Unit 4	10.06	36.28	500	360
Unit 5	10.01	32.29	500	360
Total	20.08	68.57		
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	4.25	71.06	196	165
Unit 4	1.74	74.90	164	12
Unit 5	9.08	223.56	410	360
Unit 6	9.42	218.86	440	360
Unit 7	9.41	229.91	440	357
Unit 8	9.12	154.78	437	345
Total	43.01	973.06		
Paras				
Unit 3	5.34	83.15	258	190
Unit 4	5.25	130.42	241	200
Total	10.59	213.56		
Khaparkheda				
Unit 1	3.44	12.97	190	0
Unit 2	3.80	13.92	165	150
Unit 3	3.56	5.65	164	114
Unit 4	1.45	10.29	162	0
Unit 5	10.60	271.28	500	400
Total	22.86	314.11		
Nasik				
Unit 3	3.93	105.08	170	160
Unit 4	0.00	90.22	0	0
Unit 5	3.97	15.47	175	161
Total	7.90	210.77		
Uran				
All Units	5.67	185.63	301	0
Total	5.67	185.63		
PGPL				
Unit 1	4.40	36.01	197	161

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Unit 2	2.49	21.39	106	91
Total	6.88	57.40		
PENCH (MS)				
Pench (MS)	0.52	7.72	27	10
Total	0.52	7.72		
Koyna				
Stage 1-2	1.34	100.76	360	40
Stage 4	0.34	88.14	198	0
Stage 3	0.87	56.81	160	0
Total	2.56	245.72		
Hydro				
KDPH	0.00	5.89	0	0
VTRNA	0.41	16.44	59	0
TILLARI	0.36	7.47	61	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.46	11.89	80	0
RNGR+BHTSA	0.06	4.45	3	2
BHANDARDRA	0.34	10.73	15	14
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.52	9.76	31	18
GHATGHAR	0.64	18.29	120	0
Total	2.80	84.92		
Wind				
Total	21.08	1052.33	0	0
Total	21.08	1052.33		
CPP				
APML(Mus)	52.10	968.25	0	0
JSWEL(Mus)	22.40	548.34	0	0
VIPL(Mus)	11.81	262.53	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	4.64	115.97	0	0
Other(Mus)	2.41	59.08	0	0
Total	93.36	1954.16		
SOLAR				
Total	0.83	22.27	0	0
Total	0.83	22.27		
Tata				
Trombay 5	8.18	233.70	485	313
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.38	61.26	115	64
Trombay 7B	1.46	37.77	66	50
Trombay 8	5.15	135.84	246	199
TATA Hydro	6.45	146.92	387	0
Total	23.62	615.50		
R-INFRA				
1-2	9.66	270.87	404	401
Total	9.66	270.87		

* Infirm Power		
Particulars	Daily (Mus)	Monthly
Chandrapur 9	0.00	17.16
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	122.66	2043.41
MSPGCL Thml+Gas	128.33	2229.04
MSPGCL Hydro	5.36	330.64

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	133.69	2559.68
Koyna 1,2 & 4 Total	1.69	188.91
State Total	289.14	6532.22

State Load Despatch Center,Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Aug/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	4648	171	289	5108	934	3486	286	0	4257	4373	-840	13347	0	13347	2048	15395	49.96
2	4647	76	299	5022	916	3478	286	0	4393	4618	-785	13535	0	13535	1875	15410	49.98
3	4673	76	299	5048	954	3475	286	0	4363	4864	-714	13913	0	13913	1776	15689	49.99
4	4676	81	300	5057	818	3481	286	0	4079	4475	-681	13436	0	13436	1716	15152	49.98
5	4693	91	299	5083	783	3482	286	0	4215	4714	-661	13687	0	13687	1713	15400	49.97
6	4734	474	298	5506	741	3523	287	0	4610	5154	-637	14574	0	14574	1821	16395	49.98
7	5139	356	290	5785	840	4124	287	0	5106	5052	-829	15259	0	15259	2006	17265	50.01
8	5349	372	300	6021	812	4305	286	15	5172	5110	-815	15734	0	15734	2179	17913	49.97
9	5395	377	299	6071	816	4280	286	34	5344	5442	-993	15936	0	15936	2489	18425	49.99
10	5408	544	301	6253	775	4289	286	66	5321	5284	-1243	15710	0	15710	2893	18603	49.95
11	5499	576	301	6376	697	4273	284	80	5436	5478	-1341	15847	0	15847	3038	18885	49.98
12	5513	462	300	6275	633	4282	286	78	5536	5441	-1368	15627	0	15627	3070	18697	49.89
13	5667	198	300	6165	638	4288	285	85	5484	5390	-1374	15477	0	15477	3007	18484	49.97
14	5602	88	297	5987	670	4277	286	96	5347	5421	-1330	15407	0	15407	2846	18253	49.99
15	5628	75	294	5997	727	4328	286	95	5284	5251	-1305	15379	0	15379	2832	18211	49.94
16	5519	75	296	5890	875	4309	292	110	5168	5291	-1327	15440	0	15440	2819	18259	49.99
17	5203	80	288	5571	1008	4053	297	85	4956	5056	-1324	14746	0	14746	2809	17555	49.98
18	4999	80	286	5365	1143	3520	299	58	4518	4525	-1296	13614	0	13614	2780	16394	49.98
19	5009	252	160	5421	1090	3449	299	25	4567	4483	-1302	13465	0	13465	2739	16204	49.94
20	5050	445	0	5495	1051	3896	295	3	5012	4950	-1246	14444	0	14444	2730	17174	49.91
21	4905	250	6	5161	1117	3959	287	0	4976	4687	-1160	14051	0	14051	2627	16678	49.99
22	4892	91	25	5008	1111	3635	289	0	4639	4777	-1090	13730	0	13730	2434	16164	49.98
23	4865	35	73	4973	995	3487	286	0	3998	4578	-908	13411	0	13411	2308	15719	50.00
24	4945	35	73	5053	939	3676	252	0	3759	4223	-898	13245	0	13245	2202	15447	50.00
MUs	122.66	5.36	5.67	133.69	21.08	93.36	6.88	0.83	115.54	118.64	-25.47	349.02	0.00	349.02	58.76	407.77	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 26/Aug/2016

Position as on 6.30 Hrs of 27/Aug/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.	
MSPGCL	Chandrapur Unit 4	210	21/08/2016	22.02	26/08/2016	10.10	ID Fan Problem	

State Load Despatch Center,Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Aug/2016

Position as on 6.30 Hrs of 27/Aug/2016

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
RGPPL	Dabhol 2A	230	24/08/2016	13.31		Continued.	Change Over.	
MSPGCL	Khaparkheda Unit 4	210	25/08/2016	13.50	26/08/2016	13.58	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	25/08/2016	18.40		Continued.	Zero Schedule given by MSEDCL.	
MSPGCL	Uran Unit A0	120	26/08/2016	18.33	27/08/2016	00.56	Bearing Temp.High	
MSPGCL	Uran Unit 5	108	26/08/2016	18.33	26/08/2016	20.30	Bearing Temp.High	
MSPGCL	Uran Unit 6	108	26/08/2016	18.33	26/08/2016	21.53	Bearing Temp.High	
MSPGCL	Khaparkheda Unit 1	210	26/08/2016	19.49	26/08/2016	23.00	Stator water pump pressure zero	
MSPGCL	Chandrapur Unit 7	500	27/08/2016	17.40	27/08/2016	22.46	UAT Tripped	28/08/2016

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 27/Aug/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
500 KV LINE Outages/Trippings							
Chandrapur - Padghe Hvdc Pole 2	IntraState	22/08/2016	19.53		Continued.	T	Buchholz Trip 330 MVA Converter Pole-2 Y-Phase T/F At Chandrapur End.
400 KV LINE Outages/Trippings							
Akola - Aurangabad(PG) II	InterState	26/08/2016	10.42	26/08/2016	15.00	PO	Quarterly Maintainance Work
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	26/08/2016	11.17	26/08/2016	18.24	PO	Replacment of male and female assembly of isolator.
Kolhapur(M)-Kolhapur(GIS) cktII	InterState	27/08/2016	10.42	27/08/2016	19.26	PO	Replacement of male-female contact assembly of 89 D center brake 400kv isolator
Kolhapur Solapur (PG) II	InterState	27/08/2016	17.22		Continued.	HT	Over Voltage
Dabhol Nagothane I	InterState	27/08/2016	22.22	27/08/2016	23.27	T	D.T Received at Dabhol.
Ektuni-Bableswhar ckt II	IntraState	01/08/2016	09.53		Continued.	HT	To control Padgha-BBLSR L/L
Chandrapur II - Chandrapur ckt 2	IntraState	24/08/2016	11.27		Continued.	PO	Routine Maintenance Work
karad -kolhapur-II	IntraState	25/08/2016	16.31	26/08/2016	09.23	HT	Over Voltage
Karad-Jaigad - I	IntraState	25/08/2016	16.33	26/08/2016	10.41	HT	Over Voltage
Bhusawal-Aurangabad	IntraState	25/08/2016	17.16	26/08/2016	07.49	HT	Over Voltage
Lonikand I - Koyna stage-IV	IntraState	25/08/2016	18.14	26/08/2016	06.28	HT	Over Voltage
karad -kolhapur-I	IntraState	26/08/2016	16.39	27/08/2016	10.17	HT	Over Voltage
Karad - Jaigad - II	IntraState	26/08/2016	16.41	27/08/2016	10.27	HT	Over Voltage
Khadka-Aurangabad (Waluj)	IntraState	26/08/2016	17.14		Continued.	HT	Over Voltage
karad -kolhapur-II	IntraState	27/08/2016	16.35		Continued.	HT	Over Voltage
Padghe - Nagothane - I	IntraState	27/08/2016	17.07	27/08/2016	22.37	EO	Heavy sparking in isolator at padgha
Karad-Jaigad - I	IntraState	27/08/2016	21.54		Continued.	HT	Over Voltage
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	26/08/2016	05.44	26/08/2016	07.55	HT	Emergency hand tripped core CT open as per testing
400/132 Kv 200 Mva Ict 2 @Khadka	IntraState	26/08/2016	10.33	26/08/2016	17.25	PO	Routine Maintenance Work
400/220KV 315MVA ICT3@Bhusawal II (khadaka)	IntraState	27/08/2016	09.23	27/08/2016	18.36	PO	Quarterly Maintainance Work
220 KV LINE Outages/Trippings							
Vasai Boiser(PG)	InterState	26/08/2016	07.00	26/08/2016	09.22	PO	Breaker off at vasai end.
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
Bableswhar- Alephata	IntraState	24/07/2016	07.57	26/08/2016	17.15	HT	Load Diversion.
Chitegaon-Shendra Ckt-II	IntraState	25/08/2016	23.54	26/08/2016	00.41	T	Bus Bar Protection Operated
Gadchandur - Virur-li	IntraState	26/08/2016	02.19	26/08/2016	02.42	T	Distance Protection
Padghe - Nalasopara	IntraState	26/08/2016	07.00	26/08/2016	09.07	PO	Replacement of CT jumper.
Gadchandur - Grace	IntraState	26/08/2016	10.21	26/08/2016	15.43	PO	Replacement of faulty string.
IPCL - SPCL	IntraState	26/08/2016	13.05	26/08/2016	16.15	PO	Annual Maintenance Work

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 26/Aug/2016

Statement-VII

Position as on 6.30 Hrs of 27/Aug/2016

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Bhugaon- Wardha	IntraState	26/08/2016	13.32	26/08/2016	19.00	PO	Routine Maintenance Work
Bableshtar- Alephata	IntraState	26/08/2016	20.54		Continued.	HT	Hand tripped.
Chitegaon-Shendra Ckt-I	IntraState	26/08/2016	23.54	26/08/2016	00.38	T	Bus Bar Protection Operated
Raymond - Washala	IntraState	27/08/2016	05.25	27/08/2016	11.26	T	Distance Protection
Kandalgaon - Pirangut	IntraState	27/08/2016	09.08	27/08/2016	17.25	PO	Replacement of polymer CP insulators.
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 80 Mva Cgl Ict 1 @Hinganghat	IntraState	26/08/2016	13.55	26/08/2016	14.55	PO	OLTC healthiness checking.
220/132 Kv 100 Mva Emco Ict @Bhenda	IntraState	27/08/2016	10.30	27/08/2016	13.30	PO	Quarterly Maintainance Work
132 KV LINE Outages/Trippings							
Khadka-Deepnagar Ckt-2	IntraState	26/08/2016	04.47	26/08/2016	09.38	T	Burst and caught fire.
Deepnagar- Muktainagar	IntraState	26/08/2016	04.47	26/08/2016	05.39	T	Distance Protection
Khadka-Deepnagar Ckt-2	IntraState	26/08/2016	07.08	26/08/2016	07.10	T	Tripped During Operation.
100 KV LINE Outages/Trippings							
Vasai-Ii - 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