

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 01/Jun/2018 FRIDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	132.657	132.657	1) Gujrat	-4.713	-4.713
2) Hydro	12.541	12.541	2) Madhya Pradesh	8.318	8.318
3) Gas	7.080	7.080	3) Chattisgarh	6.020	6.020
Total MSPGCL	152.278	152.278	4) Maharashtra Net	121.826	121.826
B) 1) APML	52.341	52.341	5) Goa (Amona)	-0.066	-0.066
2) JSWEL	27.206	27.206	Total	131.385	131.385
3) VIPL	10.062	10.062	a) Mumbai Schedule	33.293	33.293
4) RPL(AMT)	17.507	17.507	b) Mumbai Drawl	32.861	32.861
5) WPCL	5.501	5.501	c) MSEDCL Bilateral *	48.010	48.010
6) PGPL	0.000	0.000	Include PX	14.364	14.364
7) Other IPP	14.958	14.958	d) Mumbai Bilateral *	33.293	33.293
C) 1) TPCL Thermal	17.356	17.356	Include PX	8.576	8.576
2) TPCL Hydro	9.097	9.097	Include Standby	0.000	0.000
3) TPCL Gas	3.347	3.347	H) ENERGY CATERED (MUs)		
4) R-INFRA Thermal	11.962	11.962	1) MSEDCL	397.851	397.851
D) STATE			2) Mumbai Discoms	74.623	74.623
1) Thermal	289.550	289.550	TOTAL STATE	472.474	472.474
(A1+C1+C4+(B1-B6))					
2) Hydro	21.638	21.638			
(A2+C2)					
3) Gas	10.427	10.427			
(A3+B6+C3)					
4) Wind	13.916	13.916			
6) SOLAR	5.558	5.558			
TOTAL STATE	341.089	341.089			

* 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 15 Hrs	C. Evening Peak at 22 Hrs	D. Night Minimum at 7 Hrs
MSPGCL Thermal	5567	5677	5599	5548
MSPGCL Hydro	408	1276	232	215
MSPGCL Gas	291	290	309	301
MSPGCL Total Generation	6266	7243	6140	6064
Central Sector Receipt	6257	6716	5533	5446
WIND	235	383	648	353
CPP / IPP Thermal	5386	5400	5119	5328
CPP / IPP Gas	0	0	0	0
SOLAR	759	611	0	43
Exchange with Mumbai	-1677	-1763	-1440	-813
MSEDCL DEMAND MET	17226	18590	16000	16421
Load Shedding	165	178	0	0
MSEDCL DEMAND	17391	18768	16000	16421
TPCL GENERATION	1361	1361	1195	1169
R-INFRA GENERATION	498	497	497	497
MUMBAI DEMAND	3536	3621	3132	2479
STATE DEMAND MET	20762	22211	19132	18900
STATE DEMAND	20927	22389	19132	18900
Frequency (Hz)	49.96	49.91	50.02	50.04

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.2 Hz at 17.01 Hrs	49.68 Hz at 14.16 Hrs	50	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 01/Jun/2018

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Koradi				
Unit 6	0.00	0.00	0	0
Unit 7	3.46	3.46	155	125
Unit 8	7.85	7.85	357	256
Unit 9	8.04	8.04	384	294
Unit 10	7.60	7.60	330	289
Total	26.94	26.94		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	10.14	10.14	490	335
Unit 5	9.94	9.94	480	350
Total	20.08	20.08		
Parli				
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	4.22	4.22	189	126
Unit 7	4.28	4.28	198	166
Unit 8	0.00	0.00	0	0
Total	8.50	8.50		
Chandrapur				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	11.08	11.08	470	390
Unit 6	0.00	0.00	0	0
Unit 7	10.63	10.63	455	404
Unit 8	8.38	8.38	374	332
Unit 9	8.40	8.40	361	344
Total	38.49	38.49		
Paras				
Unit 3	5.45	5.45	254	190
Unit 4	5.48	5.48	250	190
Total	10.94	10.94		
Khaparkheda				
Unit 1	3.46	3.46	155	130
Unit 2	1.66	1.66	145	0
Unit 3	3.67	3.67	166	139
Unit 4	3.47	3.47	155	125
Unit 5	10.38	10.38	490	365
Total	22.64	22.64		
Nasik				
Unit 3	4.49	4.49	197	168
Unit 4	0.13	0.13	128	0
Unit 5	0.44	0.44	190	0
Total	5.07	5.07		
Uran				
All Units	7.08	7.08	350	276
Total	7.08	7.08		
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)	0.23	0.23	23	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.23	0.23		
Koyna				
Stage 1-2	3.83	3.83	515	40
Stage 4	3.54	3.54	963	0
Stage 3	1.26	1.26	240	0
Total	8.63	8.63		
Hydro				
KDPH	0.61	0.61	27	13
VTRNA	0.00	0.00	0	0
TILLARI	0.00	0.00	0	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.40	0.40	80	0
RNGR+BHTSA	0.25	0.25	11	10
BHANDARDRA	0.00	0.00	0	0
ELDARY	0.00	0.00	0	0
SMLHY_PTN	0.34	0.34	22	11
GHATGHAR	2.31	2.31	125	0
Total	3.91	3.91		
Wind				
Total	13.92	13.92	0	0
Total	13.92	13.92		
CPP				
APML(Mus)	52.34	52.34	0	0
JSWEL(Mus)	27.21	27.21	0	0
VIPL(Mus)	10.06	10.06	0	0
RPLAMT(Mus)	17.51	17.51	0	0
WPCL(Mus)	5.50	5.50	0	0
Other(Mus)	14.96	14.96	0	0
Total	127.58	127.58		
SOLAR				
Total	5.56	5.56	0	0
Total	5.56	5.56		
Tata				
Trombay 5	11.57	11.57	485	479
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.05	2.05	115	45
Trombay 7B	1.30	1.30	65	38
Trombay 8	5.78	5.78	245	235
TATA Hydro	9.10	9.10	459	144
Total	29.80	29.80		
R-INFRA				
DTPS U-1&2	11.96	11.96	501	496
Total	11.96	11.96		

* Infirm Power			Summary			Summary		
Particulars	Daily (Mus)	Monthly	Particulars	Daily (Mus)	Monthly (Mus)	Particulars	Daily (Mus)	Monthly (Mus)
			MSPGCL Thermal	132.66	132.66	MSPGCL Total	152.28	152.28
			MSPGCL Thml+Gas	139.74	139.74	Koyna 1,2 & 4 Total	7.37	7.37
			MSPGCL Hydro	12.54	12.54	State Total	341.09	341.09

State Load Despatch Center,Airoli (MSETCL)

Hourly Load Data As on 01/Jun/2018

Annexure-2

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	5653	1267	288	7208	979	5661	0	0	4988	5421	-1662	17607	0	17607	3112	20719	49.93
2	5561	1490	300	7351	650	5661	0	0	4926	4917	-1349	17230	210	17440	2841	20281	50.01
3	5595	719	300	6614	714	5615	0	0	5180	4888	-1034	16797	208	17005	2716	19721	50.00
4	5621	215	276	6112	644	5602	0	0	5253	4943	-886	16415	106	16521	2583	19104	50.00
5	5635	215	278	6128	631	5566	0	0	5316	4983	-877	16431	60	16491	2514	19005	49.98
6	5654	220	301	6175	579	5531	0	0	5784	4986	-912	16359	0	16359	2545	18904	50.03
7	5548	215	301	6064	353	5328	0	43	6074	5446	-813	16421	0	16421	2479	18900	50.04
8	5371	220	300	5891	362	5161	0	177	5674	5821	-1027	16385	0	16385	2569	18954	50.04
9	5321	407	289	6017	205	5139	0	342	5485	5425	-1207	15921	60	15981	2864	18845	50.01
10	5360	345	296	6001	242	5151	0	520	5868	5688	-1374	16228	113	16341	3218	19559	49.98
11	5364	305	283	5952	226	5193	0	657	6111	6163	-1597	16594	149	16743	3450	20193	50.02
12	5567	408	291	6266	235	5386	0	759	6247	6257	-1677	17226	165	17391	3536	20927	49.96
13	5650	575	281	6506	253	5369	0	741	6493	6474	-1675	17668	98	17766	3531	21297	49.97
14	5665	579	282	6526	313	5401	0	721	6455	6697	-1622	18036	115	18151	3480	21631	49.91
15	5677	1276	290	7243	383	5400	0	611	6571	6716	-1763	18590	178	18768	3621	22389	49.91
16	5682	1486	281	7449	564	5396	0	494	6598	6323	-1764	18462	207	18669	3605	22274	50.01
17	5530	402	293	6225	752	5288	0	329	6557	5044	-1527	16111	464	16575	3387	19962	50.07
18	5327	219	286	5832	837	4864	0	138	5668	4795	-1568	14898	147	15045	3429	18474	50.06
19	5103	219	298	5620	920	4761	0	26	4231	4365	-1465	14227	59	14286	3309	17595	50.04
20	5211	277	289	5777	1118	5002	0	0	4614	4984	-1485	15396	59	15455	3230	18685	49.99
21	5424	294	312	6030	1135	5098	0	0	5107	5046	-1501	15808	0	15808	3192	19000	50.07
22	5599	232	309	6140	648	5119	0	0	5069	5533	-1440	16000	0	16000	3132	19132	50.02
23	5783	365	306	6454	590	5446	0	0	5170	5151	-1339	16302	0	16302	3137	19439	49.95
24	5756	591	350	6697	583	5436	0	0	5249	5319	-1297	16738	0	16738	3143	19881	49.98
MUs	132.66	12.54	7.08	152.28	13.92	127.58	0.00	5.56	134.69	131.38	-32.86	397.85	2.40	400.25	74.62	474.87	50.00

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 01/Jun/2018

Position as on 6.30 Hrs of 02/Jun/2018

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
PLANNED OUTAGE								
MSPGCL	Koradi Unit 6	210	09/07/2015	00.00		Continued.	EE R&M LE Work	
MSPGCL	Chandrapur Unit 6	500	04/01/2018	13.30		Continued.	Water Shortage, converted to AOH w.e.f 01.02.2018, 00:00Hrs	
FORCED OUTAGE								
TPC-G	Trombay 6	500	15/07/2015	17.08		Continued.	Economic shutdown. (NO PPA FROM 01.04.2018)	
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
IPP	SWPGL U-2	135	29/02/2016	21.46		Continued.	No PPA	
MSPGCL	Parli Unit 5	210	01/04/2016	00.00		Continued.	Economic shutdown	
MSPGCL	Parli Unit 4	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	
MSPGCL	Chandrapur Unit 3	210	03/12/2017	01.35		Continued.	Water Shortage	
MSPGCL	Chandrapur Unit 4	210	03/12/2017	14.17		Continued.	Water Shortage	
MSPGCL	Uran Unit 8	108	25/03/2018	06.25		Continued.	Tripped on Thrust Bearing	
MSPGCL	Ghatghar Unit-1	125	14/04/2018	23.45		Continued.	Stator Earth Fault	
IPP	Adani U-5	660	24/04/2018	08.53		Continued.	Bottom Ash problem	
IPP	RPL(AMT) U-1	270	01/05/2018	00.00		Continued.	Coal Shortage	
IPP	RPL(AMT) U-2	270	06/05/2018	18.00		Continued.	Coal Shortage	
MSPGCL	Uran Unit B0	120	12/05/2018	19.16		Continued.	Due To Unit 7 Outage.	
MSPGCL	Uran Unit 7	108	12/05/2018	19.30		Continued.	Gas shortage	
MSPGCL	Bhusawal Unit 3	210	21/05/2018	18.46		Continued.	IEPL INTER CHANGE.	
MSPGCL	Nasik Unit 5	210	25/05/2018	16.00	01/06/2018	20.28	Boiler Inspection work	
MSPGCL	Parli Unit 8	250	29/05/2018	11.08		Continued.	Boiler Tube Leakage	
MSPGCL	Khaparkheda Unit 2	210	30/05/2018	00.40	01/06/2018	11.14	Boiler Tube Leakage	
MSPGCL	Nasik Unit 4	210	01/06/2018	00.53		Continued.	Boiler Tube Leakage	
MSPGCL	Chandrapur Unit 9	500	02/06/2018	02.31		Continued.	Electric Fault.	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 01/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 02/Jun/2018

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							
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	31/05/2018	18.08		Continued.	HT	Over Voltage
Padghe - Kalwa- I	IntraState	01/06/2018	01.42		Continued.	HT	Handtrip due to Fire at kalwa
Chandrapur - Khaperkheda	IntraState	01/06/2018	06.33	01/06/2018	19.42	PO	Line Crossing Work.
Chandrapur II - Chandrapur ckt I	IntraState	01/06/2018	11.29		Continued.	PO	CVT Maintenance.
Babhaleshwar - Bhusawal II	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection
Khadka - Bableshtar	IntraState	01/06/2018	16.42	02/06/2018	02.15	T	Distance Protection Y-Ph.
Dhule- Bableshtar - I	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Dhule - Bableshtar - li	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection Y-PH (Tower Collapsed)
Padghe - Nagothane - II	IntraState	01/06/2018	17.28	02/06/2018	06.34	T	Distance Protection B-Ph.
Lonikand I - Koyna stage-IV	IntraState	01/06/2018	17.50		Continued.	T	Distance Protection
Padghe - Nagothane - I	IntraState	01/06/2018	17.51		Continued.	T	Distance Protection R-Ph.
400 KV ICT Outages/Trippings							
400/11.5 KV 80 MVA Stn T/F - I @ Chandrapur	InterState	29/05/2018	10.44		Continued.	PO	PAINTING WORK.
400/220/33 Kv 500 Mva Ict 1 @Chandrapur 2	IntraState	31/03/2018	21.21		Continued.	HT	hand tripped after charge.
400/220 kV 500 MVA ICT III @ Jejuri	IntraState	30/05/2018	10.11		Continued.	PO	commissioning of 408 main bay
400/220 Kv 600 MVA ICT-II @Kalwa	IntraState	01/06/2018	01.02		Continued.	T	Differential Protection and PRV Operated
400/220 Kv 500 MVA ICT-I @Kalwa	IntraState	01/06/2018	01.30		Continued.	HT	Hand Trip due to spreading of Fire
400/220/33 Kv 500 MVA ICT-III @Girwali	IntraState	01/06/2018	01.46	01/06/2018	19.24	T	Tripped on REF
400/220 kV 500 MVA ICT-III @ Kalwa	IntraState	01/06/2018	16.00	01/06/2018	19.37	T	LV Side R-Phase CT Burst.
400/220/33kV 500MVA ICT 5 @ Padghe	IntraState	01/06/2018	20.43	02/06/2018	07.24	T	REF & BUCHHOZ RELAY
220 KV LINE Outages/Trippings							
Talandage - Chikodi	InterState	01/06/2017	00.01		Continued.	PO	NO SCHEDULE.
Mudshingi - Chikodi	InterState	01/06/2017	00.06		Continued.	PO	No Schedule.
Chandrapur GCR - Warora - I	IntraState	05/04/2015	09.13		Continued.	PO	Bunching of conductor Loc no 86 Disconnecting of jumper 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 jumper at Loc no 86 & 107 and de-energising the line bet.86 to 107.
Sonkhar - Trombay	IntraState	15/05/2018	23.50		Continued.	PO	REPLACEMENT OF HTLS CONDUCTOR.
Kalwa - Borivali	IntraState	01/06/2018	01.26		Continued.	HT	To control load on ICT.
Kalwa 52B Interconnector CB	IntraState	01/06/2018	01.35		Continued.	HT	To control load on ICT.
Kalwa - Mulund 1	IntraState	01/06/2018	01.42		Continued.	HT	To control load on ICT.
Trombay - Kalwa	IntraState	01/06/2018	01.43		Continued.	HT	To control load on ICT.
Parli 3(Old Gcr)- Girwali Ckt 4	IntraState	01/06/2018	01.46		Continued.	T	Y phase LA Burst
Mulund - GIS Bhandup	IntraState	01/06/2018	01.55	01/06/2018	09.38	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 2	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
SAKI (REL) - SAKI (TATA) CKT - 1	IntraState	01/06/2018	03.29		Continued.	HT	To control load on ICT.
Kalwa - Colourchem	IntraState	01/06/2018	03.43		Continued.	HT	400KV Kalwa To Control ICT Overloading.
Nerul-Trombay	IntraState	01/06/2018	05.42	01/06/2018	07.17	EO	Restoration of Sonkar-Trombay Line

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 01/Jun/2018

Statement-VII

Position as on 6.30 Hrs of 02/Jun/2018

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Nanded-Parbhani	IntraState	01/06/2018	07.36	01/06/2018	18.15	T	In View Of Outage On Nanded Kumbhargaoon Ckts.
Kalwa-TIFIL	IntraState	01/06/2018	08.33	01/06/2018	09.04	HT	Due To Overloading On ICT.
Kalwa-TIFIL	IntraState	01/06/2018	09.27		Continued.	HT	400KV Kalwa To Control ICT Overloading.
Kalwa - Siemens	IntraState	01/06/2018	09.27	01/06/2018	13.17	HT	400KV Kalwa To Control ICT Overloading.
Mahape - TIFIL	IntraState	01/06/2018	09.27	01/06/2018	13.58	HT	400KV Kalwa To Control ICT Overloading.
Kalwa - Mulund 2	IntraState	01/06/2018	09.36		Continued.	HT	Load Shifting From Kalwa To Borivali.
Salsette Borivli 1	IntraState	01/06/2018	10.45		Continued.	HT	Due To Overloading On ICT
Salsette Borivli 2	IntraState	01/06/2018	10.58		Continued.	HT	Due To Overloading On ICT.
Nashik-Airoli Knowledge Park	IntraState	01/06/2018	12.09	01/06/2018	19.22	EO	Insulator Replacement Work
Kalwa - Taloja	IntraState	01/06/2018	12.44		Continued.	HT	Temghar Line Overloading
Chalisgaon -Babhaleshwar	IntraState	01/06/2018	16.42		Continued.	T	Distance Protection
Kharghar-Borivali ckt I	IntraState	01/06/2018	21.58		Continued.	PO	LINE REORIENTETION WORK
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(repaired and ready for commissioning)
220/33kv 125 Mva Transformer 2 @Gorai R/S	IntraState	27/05/2018	09.03		Continued.	T	WHILE CHANGEOVER 125 MVA TF 2 FROM M B 2 TO M B 1, BUS FAULT OF BUS 1 & 2 OCCURRED. LOAD AFFECTED 46 MW. ALL LOAD SHIFTED ON BUS 2.
220/132 Kv 200 MVA ICT-III @Girwali	IntraState	01/06/2018	01.46	01/06/2018	02.38	T	132KV Busbar Prot.operated at 220KV Girwali S/Stn
220/132 kv 200MVA ICT II @ Girwali	IntraState	01/06/2018	01.46	01/06/2018	02.32	T	132KV Busbar Prot.operated at 220KV Girwali S/Stn
220/132 Kv 200 Mva ICT-I @Girwali	IntraState	01/06/2018	01.46	01/06/2018	03.05	T	132KV Busbar Prot.operated at 220KV Girwali S/Stn
220/132 Kv 200 Mva Ict - 2 @Harangul	IntraState	01/06/2018	18.50		Continued.	PO	Premonsoon Maintenance Work.
132 KV LINE Outages/Trippings							
Mouda-Bhandara	IntraState	31/05/2018	17.12	01/06/2018	02.32	T	Distance Protection
Parli 1 - Parli 2(Girwali) Ckt - I	IntraState	01/06/2018	01.06	01/06/2018	02.44	T	Bus Bar Protection Operated
Parli 2(Girwali) - Latur Midc	IntraState	01/06/2018	01.46	01/06/2018	02.43	T	132KV Busbar Prot.operated at 220KV Girwali S/Stn
Girwali-Yedeshwari	IntraState	01/06/2018	01.46	01/06/2018	02.45	T	132KV Busbar Prot.operated at 220KV Girwali S/Stn
Parli 1 - Parli 2(Girwali) Ckt - I	IntraState	01/06/2018	01.46	01/06/2018	02.44	T	132KV Busbar Prot.operated at 220KV Girwali S/Stn
Naldurg - Ujani	IntraState	01/06/2018	18.07		Continued.	T	To Control Line Loading.
Gorakshan Tap On Akola-Paras Ckt-I	IntraState	01/06/2018	18.35	01/06/2018	19.20	T	Distance Protection

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