

State Load Despatch Center, Airoli (MSETCL) Statement I
Daily system Report for 26/Apr/2020 SUNDAY

I GENERATION (MUs)			II EXCHANGES (MUs)		
A) MSPGCL	Daily	Monthly	E) InterState Exchanges	Daily	Monthly
1) Thermal	67.390	1563.476	1) Gujrat	7.973	260.483
2) Hydro	22.013	494.167	2) Madhya Pradesh	13.790	383.638
3) Gas	6.789	179.528	3) Chattisgarh	7.930	198.170
Total MSPGCL	96.192	2237.171	4) Maharashtra	141.575	3281.785
B) 1) APLM	59.728	1648.842	5) Goa (Amona)	0.000	0.000
2) JSWEL	19.657	420.227	Total	171.268	4124.076
3) VIPL	0.000	0.000	a) Mumbai Schedule	22.342	483.552
4) RPL(AMT)	0.000	0.000	b) Mumbai Drawl	22.527	442.553
5) WPCL	2.697	136.994	c) MSEDCL Bilateral *	71.448	1414.766
6) Other IPP	7.442	207.932	Include PX	47.780	906.169
7) PGPL	0.000	0.000	d) Mumbai Bilateral *	22.342	483.552
C) 1) TPCL Thermal	6.498	274.814	Include PX	5.058	153.134
2) TPCL Hydro	3.827	110.020	Standby	0.000	0.000
3) TPCL Gas	4.386	92.388	H) ENERGY CATERED (MUs)		
4) AEML Thermal	9.046	266.598	1) MSEDCL	358.291	8865.515
D) STATE			2) Mumbai Discoms	46.284	1186.370
1) Thermal	172.458	4518.883	TOTAL STATE	404.575	10051.885
(A1+C1+C4+(B1-B6))					
2) Hydro	25.840	604.187			
(A2+C2)					
3) Gas	11.175	271.916			
(A3+B7+C3)					
4) Wind	17.056	341.861			
6) SOLAR	6.778	190.965			
TOTAL STATE	233.307	5927.812			

* 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 4 Hrs
MSPGCL Thermal	2651	2848	2770	2928
MSPGCL Hydro	761	654	479	1150
MSPGCL Gas	280	268	285	290
MSPGCL Total Generation	3692	3770	3534	4368
Central Sector Receipt	8402	8284	6213	6520
WIND	240	365	1078	842
CPP / IPP Thermal	3598	3782	3672	3743
CPP / IPP Gas	0	0	0	0
SOLAR	844	764	0	0
Exchange with Mumbai	-966	-1029	-901	-850
MSEDCL DEMAND MET	15810	15936	13596	14623
Load Shedding	0	0	0	0
MSEDCL DEMAND	15810	15936	13596	14623
TPCL GENERATION	484	459	860	698
AEML GENERATION	376	374	374	373
MUMBAI DEMAND	1826	1862	2135	1921
STATE DEMAND MET	17636	17798	15731	16544
STATE DEMAND	17636	17798	15731	16544
Frequency (Hz)	50.04	50.07	50.02	49.93

FREQUENCY PARTICULARS

MAXIMUM FREQ.	MINIMUM FREQ.	AVERAGE FREQ.	FREQ. BELOW 49.2 Hz
50.28 Hz at 18.02 Hrs	49.8 Hz at 00.08 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 26/Apr/2020

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	0.00	112.89	0	0
Unit 9	0.00	112.84	0	0
Unit 10	0.00	108.90	0	0
Total	0.00	334.63		
Bhusawal				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
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
Unit 8	0.00	0.00	0	0
Total	0.00	0.00		
Chandrapur				
Unit 3	0.00	13.91	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Unit 6	10.14	80.24	480	360
Unit 7	0.00	0.00	0	0
Unit 8	11.82	222.91	505	430
Unit 9	10.94	249.37	465	445
Total	32.90	566.43		
Paras				
Unit 3	5.84	140.60	250	235
Unit 4	5.69	129.26	255	200
Total	11.54	269.86		
Khaparkheda				
Unit 1	0.00	38.21	0	0
Unit 2	4.30	48.96	190	160
Unit 3	3.06	54.21	200	0
Unit 4	4.29	59.15	190	160
Unit 5	11.31	192.02	500	360
Total	22.95	392.55		
Nasik				
Unit 3	0.00	0.00	0	0
Unit 4	0.00	0.00	0	0
Unit 5	0.00	0.00	0	0
Total	0.00	0.00		
Uran				
All Units	6.79	179.53	304	268
Total	6.79	179.53		
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)	0.14	4.29	50	0

Generating unit	Generation			
	Daily (Mus)	Monthly (Mus)	Max (MW)	Min (MW)
Total	0.14	4.29		
Koyna				
Stage 1-2	5.02	142.14	540	40
Stage 4	10.79	199.95	903	0
Stage 3	3.75	71.91	240	80
Total	19.56	414.00		
Hydro				
KDPH	0.43	21.62	18	18
VTRNA	0.00	0.00	0	0
TILLARI	0.56	10.95	60	0
BHTGR/VEER	0.00	0.00	0	0
BHIRA T.R.	0.24	5.68	80	0
RNGR+BHTSA	0.28	7.42	12	11
BHANDARDRA	0.46	13.34	34	12
ELDARY	0.00	5.36	0	0
SMLHY_PTN	0.49	15.81	30	18
GHATGHAR	0.00	0.00	0	0
Total	2.46	80.17		
Wind				
Total	17.06	341.86	0	0
Total	17.06	341.86		
CPP				
APML(Mus)	59.73	1648.84	0	0
JSWEL(Mus)	19.66	420.23	0	0
VIPL(Mus)	0.00	0.00	0	0
RPLAMT(Mus)	0.00	0.00	0	0
WPCL(Mus)	2.70	136.99	0	0
Other(Mus)	7.44	207.93	0	0
Total	89.52	2414.00		
SOLAR				
Total	6.78	190.96	0	0
Total	6.78	190.96		
Tata				
Trombay 5	6.50	219.99	272	269
Trombay 6	0.00	0.00	0	0
Trombay 7A	2.80	57.20	117	115
Trombay 7B	1.59	35.19	67	65
Trombay 8	0.00	54.82	0	0
TATA Hydro	3.83	110.02	406	5
Total	14.71	477.22		
AEML				
DTPS U-1&2	9.05	266.60	446	373
Total	9.05	266.60		

* Infirm Power		
Particulars	Daily (Mus)	Monthly

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Thermal	67.39	1563.48
MSPGCL Thml+Gas	74.18	1743.00
MSPGCL Hydro	22.01	494.17

Summary		
Particulars	Daily (Mus)	Monthly (Mus)
MSPGCL Total	96.19	2237.17
Koyna 1,2 & 4 Total	15.81	342.09
State Total	233.31	5927.81

State Load Despatch Center, Airoli (MSETCL)

Annexure-2

Hourly Load Data As on 26/Apr/2020

TIME SR. NO.	MSPGCL GEN.			TOTAL	WIND	CPP / IPP		SOLAR	CS SHARE	CS RECPT	Mum. NET EXCH.	MSEDCL DEM. MET	LOAD SHEDDING	MSEDCL DEM. WITH LS	MUMBAI DEMAND	STATE DEMAND	FREQ. (Hz)
	THM	HY	GAS			THM	GAS										
1	2902	1700	288	4890	678	3798	0	0	6989	6841	-1073	15134	0	15134	2236	17370	49.95
2	2928	1537	280	4745	651	3828	0	0	6706	6694	-1031	14887	0	14887	2121	17008	50.01
3	2923	1147	301	4371	870	3750	0	0	6624	6577	-945	14623	0	14623	2015	16638	49.99
4	2928	1150	290	4368	842	3743	0	0	6490	6520	-850	14623	0	14623	1921	16544	49.93
5	2966	1311	282	4559	903	3732	0	0	6589	6702	-814	15082	0	15082	1876	16958	49.98
6	2982	1284	304	4570	811	3682	0	0	7273	7459	-826	15696	0	15696	1893	17589	50.01
7	2965	1321	292	4578	889	3706	0	44	7988	7677	-734	16160	0	16160	1809	17969	50.02
8	2966	1024	282	4272	452	3706	0	241	7647	7743	-791	15623	0	15623	1772	17395	50.00
9	2930	1279	299	4508	395	3765	0	470	7133	6902	-940	15100	0	15100	1796	16896	50.00
10	2759	1333	284	4376	357	3754	0	656	7381	7077	-969	15251	0	15251	1816	17067	50.04
11	2681	904	271	3856	321	3701	0	792	7753	7767	-985	15452	0	15452	1825	17277	50.07
12	2651	761	280	3692	240	3598	0	844	8289	8402	-966	15810	0	15810	1826	17636	50.04
13	2665	918	268	3851	326	3546	0	856	8355	8155	-971	15763	0	15763	1812	17575	50.07
14	2676	781	277	3734	192	3676	0	792	8350	8507	-999	15902	0	15902	1833	17735	50.06
15	2848	654	268	3770	365	3782	0	764	8379	8284	-1029	15936	0	15936	1862	17798	50.07
16	2878	524	268	3670	540	3774	0	572	8444	8212	-1028	15740	0	15740	1862	17602	50.06
17	2778	599	279	3656	705	3801	0	339	7937	7767	-983	15285	0	15285	1828	17113	50.00
18	2596	767	271	3634	876	3759	0	148	6736	6753	-928	14242	0	14242	1779	16021	50.07
19	2658	254	291	3203	943	3806	0	260	5998	5809	-906	13115	0	13115	1768	14883	50.04
20	2706	321	273	3300	1084	3777	0	0	5736	5688	-910	12939	0	12939	1937	14876	49.97
21	2758	232	284	3274	1152	3690	0	0	5750	5717	-863	12970	0	12970	2058	15028	50.00
22	2770	479	285	3534	1078	3672	0	0	5979	6213	-901	13596	0	13596	2135	15731	50.02
23	2764	929	286	3979	1177	3738	0	0	6630	6837	-1019	14712	0	14712	2212	16924	50.03
24	2712	804	286	3802	1209	3740	0	0	7137	6965	-1066	14650	0	14650	2292	16942	50.04
MUs	67.39	22.01	6.79	96.19	17.06	89.52	0.00	6.78	172.29	171.27	-22.53	358.29	0.00	358.29	46.28	404.57	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 26/Apr/2020

Position as on 6.30 Hrs of 27/Apr/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
FORCED OUTAGE								
IPP	SWPGL U-1	135	16/02/2016	17.09		Continued.	No PPA.	
PGPL	PGPL U2	126	07/02/2017	17.30		Continued.	No Schedule	
PGPL	PGPL U1	262	07/02/2017	17.30		Continued.	No Schedule	
IPP	IEPL Unit 1	270	28/08/2018	21.26		Continued.	No PPA	
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	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 10.00 hrs)	
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	
IPP	RPL(AMT) U-4	270	12/11/2019	00.00		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 5	210	12/12/2019	10.25		Continued.	PA Fan Problem (Under Case 4 Bidding From 11.00Hrs DT. 13-12-2019)	
IPP	RPL(AMT) U-3	270	11/02/2020	18.00		Continued.	Zero Schedule By MSEDCL.	
IPP	RPL(AMT) U-5	270	11/02/2020	19.30		Continued.	Zero Schedule By MSEDCL.	
MSPGCL	Nasik Unit 3	210	17/02/2020	00:00		Continued.	C W PUMP High Vibrations(convert to Zero Schedule from 00.00Hrs DT. 18-02-2020)	
MSPGCL	Ghatghar Unit-1	125	18/02/2020	00.25		Continued.	Severe Hunting In Hydro Conduit Across MIV	
MSPGCL	Uran Unit 8	108	01/03/2020	20.57		Continued.	Gas shortage	
IPP	RPL(AMT) U-1	270	04/03/2020	19.30		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Ghatghar Unit-2	125	09/03/2020	10:50		Continued.	Expansion joint leakage.	
IPP	RPL(AMT) U-2	270	09/03/2020	20.15		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 6	250	21/03/2020	17.31		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Parli Unit 7	250	22/03/2020	10.45		Continued.	Zero Schedule. (R S D FROM 10:45 TO 16:00 Hrs.)	
MSPGCL	Bhusawal Unit 4	500	22/03/2020	18.30		Continued.	Zero Schedule.	
MSPGCL	Bhusawal Unit 5	500	23/03/2020	01.13		Continued.	Zero schedule.	
MSPGCL	Parli Unit 8	250	23/03/2020	18.00		Continued.	Zero Schedule.	
MSPGCL	Nasik Unit 4	210	25/03/2020	19.45		Continued.	Reserve Shut Down.	
IPP	JSW (J) U2	300	26/03/2020	00.13		Continued.	No schedule.	
MSPGCL	Chandrapur Unit 4	210	26/03/2020	16.06		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 5	500	26/03/2020	20.29		Continued.	Zero Schedule By MSEDCL	
MSPGCL	Chandrapur Unit 7	500	28/03/2020	23.56		Continued.	Zero Schedule.	

State Load Despatch Center, Airoli (MSETCL) Statement-VI
Details of Generating Unit Outages/Trippings for 26/Apr/2020

Position as on 6.30 Hrs of 27/Apr/2020

Generating Company	Name of Generating Unit	Capacity	Tripped Date	Tripped Time	Sync.Date	Sync. Time	Reason of Outage	Expected Date
MSPGCL	Uran Unit 5	108	06/04/2020	13.23		Continued.	Gas shortage	
MSPGCL	Chandrapur Unit 3	210	10/04/2020	20.30		Continued.	Zero Schedule By MSEDCL	
TPC_G	Trombay 8	250	11/04/2020	16.55		Continued.	Zero Schedule.	
MSPGCL	Koradi Unit-8	660	12/04/2020	00.00		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 9	660	12/04/2020	01.10		Continued.	Zero schedule.	
MSPGCL	Koradi Unit 10	660	12/04/2020	02.01		Continued.	Zero schedule.	
MSPGCL	Khaparkheda Unit 1	210	22/04/2020	20.45		Continued.	Zero Schedule By MSEDCL	
CPP	SWPGL U-3	135	25/04/2020	00.08		Continued.	No Schedule	
IPP	Adani U-1	660	25/04/2020	01.12		Continued.	APH 1A Flue Gas Bellow Leakage	
MSPGCL	Koyna Unit 3	70	25/04/2020	01.29	26/04/2020	05.55	Electrical fault	
MSPGCL	Khaparkheda Unit 3	210	26/04/2020	17.00		Continued.	Boiler Tube Leakage	

State Load Despatch Center,Airoli (MSETCL)
Details of Line outages/Trippings for 26/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 27/Apr/2020

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.	Line Converted As 220 Kv Solapur (PG)- Jeur From LOC 403
Dhule Sar'Sarovar II	InterState	21/04/2020	17.20			Continued.	Over Voltage
Karad - Jaigad - II	IntraState	23/03/2020	18.12			Continued.	Over Voltage (Breakdown 26/4/20 10.55 Hrs earthwire broken at LOC no.149-150).
Dhule- Bableshtar - I	IntraState	24/03/2020	20.20			Continued.	Over Voltage
New Koyana - Dabhol-I	IntraState	25/03/2020	18.01			Continued.	Over Voltage
Padghe - Nagothane - II	IntraState	07/04/2020	23.58			Continued.	To attend Hot Spot
Chandrapur - Parli	IntraState	19/04/2020	02.20			Continued.	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Chandrapur-II - Nanded ckt II	IntraState	19/04/2020	02.21			Continued.	Distance Protection(Tower collapsed at Loc.No.59.60.61)
Babhaleshtar - Padghe-II	IntraState	20/04/2020	09.25			Continued.	Quarterly Maintenance work & Relay Testing, for CVT replacement work (RFC at 21.22 Hrs).
Girwali- Lonikand 2	IntraState	20/04/2020	14.23			Continued.	Controlling loading of Parli Parli (PG D/C line).
Taptitanda Waluj	IntraState	22/04/2020	17.18			Continued.	Distance Protection (RFC at 14.08Hrs DT.24-4-20)
karad -kolhapur-II	IntraState	24/04/2020	19.49	26/04/2020	09.53	HT	Over Voltage
Main Bus A @Kharghar	IntraState	25/04/2020	13.30	27/04/2020	15.08	EO	Replacement Of A BUS R PH Faulty PG Isolator of ICT-3 & ICT-1.
Kharghar-Talegaon(PG)	IntraState	26/04/2020	06.43	26/04/2020	09.00	EO	CB air leakage at Kharghar.
Khadka-Aurangabad (Waluj)	IntraState	27/04/2020	17.50			Continued.	Over Voltage
karad -kolhapur-I	IntraState	27/04/2020	18.19			Continued.	Over Voltage
400 KV ICT Outages/Trippings							
400/220/33 Kv 315 Mva ICT 1 @Padghe	IntraState	15/11/2018	10.07			Continued.	Differential Protection,Declared Faulty.
400/220/33 Kv 500 Mva Ict 2 @ CHANDRAPUR 2	IntraState	09/03/2020	12.57			Continued.	Testing work (Bushing Tan Delta problem hence kept out.)
400/220 KV 315 MVA ICT-I @ Nagothane	IntraState	25/03/2020	17.57			Continued.	LV Side CB Hand Tripped For Voltage.
400/220 Kv 500 MVA ICT-III @Kalwa	IntraState	28/03/2020	18.07			Continued.	Over Voltage
400/220/33 Kv 500 MVA ICT-I @Lonikand 2	IntraState	17/04/2020	13.19			Continued.	Attending Hot Spot
400/220 Kv 500 MVA ICT-IV @Kalwa	IntraState	19/04/2020	11.55			Continued.	Over Voltage
400/220kv 315MVA ICT-III @ Kharghar	IntraState	25/04/2020	11.15	26/04/2020	09.36	PO	Routine Maintenance Work
400/220/33 Kv 315 MVA ICT -I @Kharghar	IntraState	26/04/2020	09.41			Continued.	Attending bus A outage.
400/220 Kv 500 MVA ICT 3 @KOLHAPUR-III (TALANDGE)	IntraState	27/04/2020	08.52	27/04/2020	20.24	PO	Insulator Coating Work.
220 KV LINE Outages/Trippings							
Mudshingi Chikodi	InterState	24/09/2019	17.12			Continued.	No Schedule.
Talandage - Chikodi	InterState	01/10/2019	17.10			Continued.	No Schedule.(close at Chikodi end only)
Boisar(MS) - Boisar (PG) - I	InterState	27/04/2020	15.38	27/04/2020	19.55	EO	CT Replacement.
BOISAR BORIVALI	IntraState	24/07/2018	13.18			Continued.	To Control Line Loading(H/T from Boisar end)
Borivali - Ghodbunder	IntraState	30/01/2020	12.05			Continued.	Isolation of 220KV Cables on MSETCL Tower NO.240
Lonand-Baramati	IntraState	16/02/2020	09.37			Continued.	Erection of CTT-2 Tower Work For 220Kv Baramati-Lonand & Baramati Jejuri Cables Emanating from 220Kv Baramati S/Stn.
Hinjewadi2 - Hinjewadi 3 ckt 1	IntraState	26/03/2020	10.20			Continued.	Over Voltage

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/Apr/2020

Statement-VII

Position as on 6.30 Hrs of 27/Apr/2020

Name of Line	Inter State / Intra State	Tripped Date	Tripped Time	Sync. Date	Sync. Time	Outage Type	Reason of Outage
Hinjewadi2 - Hinjewadi 3 ckt II	IntraState	26/03/2020	10.20		Continued.	HT	Over Voltage
Sawantwadi-Bidri	IntraState	25/04/2020	18.15	26/04/2020	08.35	HT	Over Voltage
Badnera-Akola I	IntraState	26/04/2020	08.00	26/04/2020	19.03	PO	Tower erection work.
Badnera-Akola li	IntraState	26/04/2020	08.00	26/04/2020	19.04	PO	Tower erection work.
Virur - Gadchiroli	IntraState	26/04/2020	13.20	26/04/2020	13.45	T	Distance Protection
Miraj-Ichalkaranji I	IntraState	27/04/2020	08.49	27/04/2020	20.08	PO	String of 220Kv Miraj - Tilwani line from Loc. No 108 to Gantry at Tiwani S/s.
Wardha - Wardha Rly Tss 2	IntraState	27/04/2020	10.11	27/04/2020	11.35	EO	Railway authorities & thereafter attending of oil leakage of 220kv B-PH PT secondary box.
Sawantwadi-Bidri	IntraState	27/04/2020	18.10		Continued.	HT	Over Voltage
220 KV ICT Outages/Trippings							
220/110KV, 200MVA T/F-III at Mudshingi	InterState	27/04/2020	17.15		Continued.	HT	Over Voltage
Carnac : 220 / 110 / 33 315 MVA ICT 5	IntraState	14/03/2020	11.00		Continued.	PO	Shifting 220KV Side to New GIS
220/110 Kv 200 Mva Vel Ptr 1 @Kolhapur-li (Mudshingi)	IntraState	21/04/2020	17.50		Continued.	HT	Over Voltage
220/132kv 200mva Emco ICT-1 @Kurkumbh	IntraState	27/04/2020	12.10	27/04/2020	17.30	PO	Pre Monsoon Maintenance Work & IR Test of LA.

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