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REPORT NAME: Electric Service Reliability Annual Report

COMPANY NAME: Idaho Power Company

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- **Accident reports required by ORS 654.715.**



LISA D. NORDSTROM
Lead Counsel
lnordstrom@idahopower.com

August 17, 2012

Attention: Filing Center
Public Utility Commission of Oregon
550 Capitol Street NE, Suite 215
P. O. Box 2148
Salem, OR 97308-2148

Re: Idaho Power Company's Electric Service Reliability Annual Report for the
Year 2011

Dear Sir or Madam:

Idaho Power Company herewith transmits for electronic filing its Electric Service Reliability Annual Report for the Year 2011 previously sent via Federal Express to J. R. Gonzales, Administrator of Safety, Reliability & Security Division, on April 30, 2012. Idaho Power is filing this report again, but in electronic format, at the Commission's request.

If you have any substantive questions, please call Perry Van Patten at 208-388-5944.

Very truly yours,

A handwritten signature in cursive script that reads "Lisa D. Nordstrom".

Lisa D. Nordstrom

LDN:kkt
Enclosures

Idaho Power Company 2011 Electric Service Reliability Annual Report

This document is written to present Idaho Power Company's 2011 Electric Service Reliability Annual Report. The report discusses the performance of Idaho Power Company's Oregon electric service through a narrative summary as well as attached tables and charts.

At the end of 2011, Idaho Power served 19,409 customers from 63 distribution circuits in the far central-eastern portion of Oregon.

The composite performance of the 63 circuits in 2011 included 691 sustained (>5 minutes) Interruptions, 914 momentary events, 73,203 customer hours out, a SAIDI of 3.47, a SAIFI of 1.41 and a MAIFIE of 3.80.

SAIFI remained below threshold for interruptions by 2.31% in 2011. SAIDI was below threshold for customer hours out by 2.32% and MAIFIE momentary interruptions were below threshold by 2.59%. We continue to gather more momentary data through the Sentry units but with the drawback of identifying the majority of causes as unknown..

Attached System CHARTS & TABLES show Oregon system performance (all of IPC's 63 Oregon circuits) over 5 years for the reliability indices of SAIDI, SAIFI and MAIFIE. TABLE 1, TABLE 2 and TABLE 3 lists 5 years of circuit reliability and threshold data for the three reliability indices. TABLE 4 lists 2011 circuit data for the 3 reliability indices in descending order. CHARTS 1-3 provide graphic representation of the circuits in descending order for the 3 reliability indices. Also attached, are charts for each Oregon circuit by reliability index.

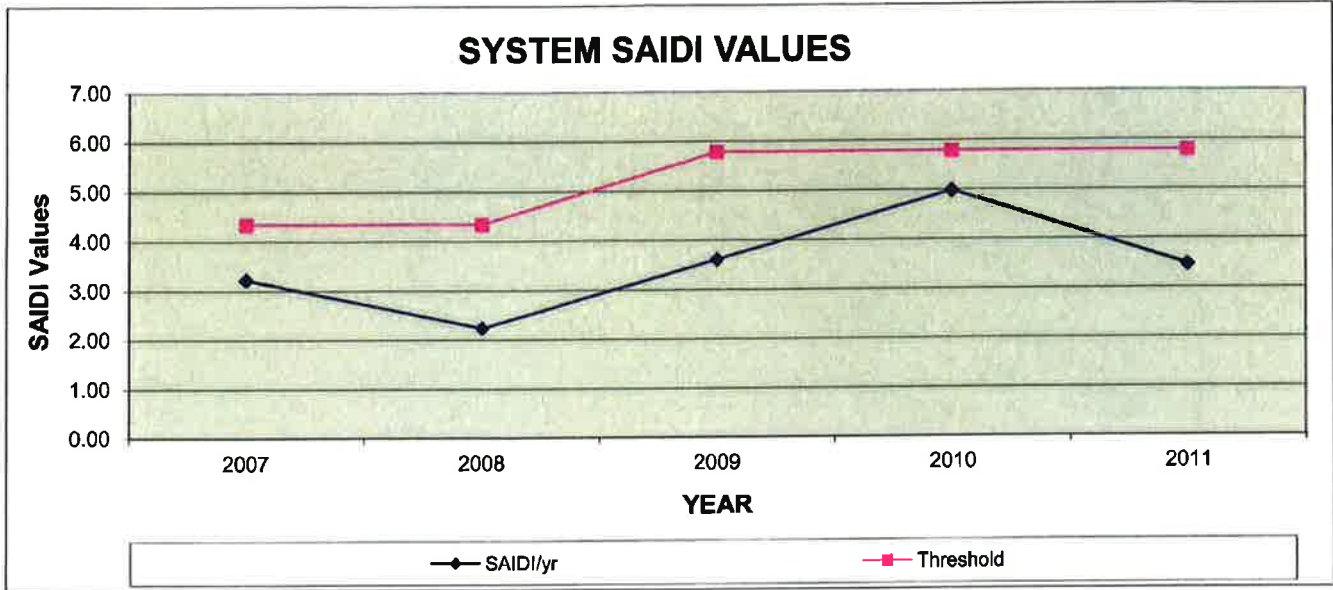
The top 5 causes of Idaho Power Company's sustained interruptions in 2011 were due to Equipment Failure, Loss of Supply, Lightning, Unknown and Adverse Environment. Please refer to TABLE 5 for a breakdown by cause and the associated number of occurrences for each cause as well as the percentage of the total for the last five years. TABLE 6 provides a ranking of the 2011 sustained interruption causes by occurrences and by customer hours without electricity service. The attached CHART for Interruption causes shows 5 years of system data for each of the 12 types of interruption causes. CHART 4 is a pie chart that shows the 12 types of sustained interruption causes as a percent of total.

TABLE 7 lists the circuits that exceeded the threshold level for any of the 3 reliability indices. Four circuits exceeded their SAIDI threshold level, One circuit exceeded the SAIFI threshold level and Four circuits exceeded the MAIFIE threshold level.

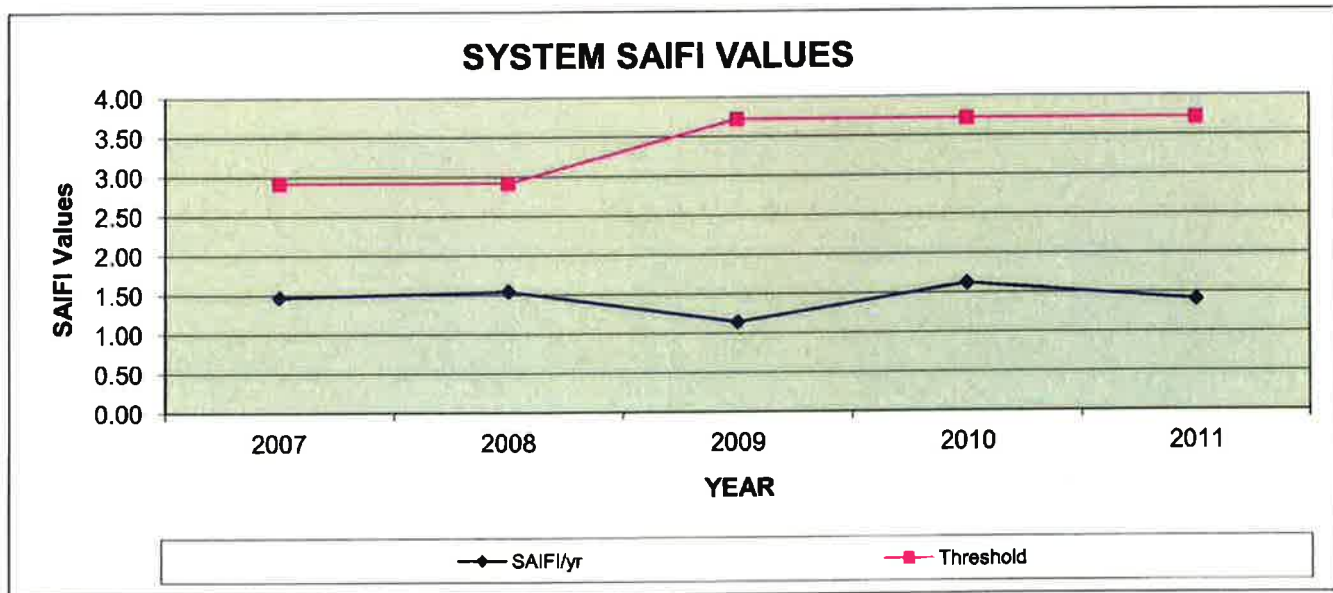
TABLE 8 provides 5 years of line/trench miles and customer count data. Data differentiating overhead from underground service is now available and is included in this table.

Idaho Power Company continues with periodic programs and projects to help improve customer service and electric service reliability. Some of the programs include our annual Oregon safety inspection/reliability patrols, line clearing program and annual maintenance projects.

5 Years of System Reliability Data and Associated Thresholds

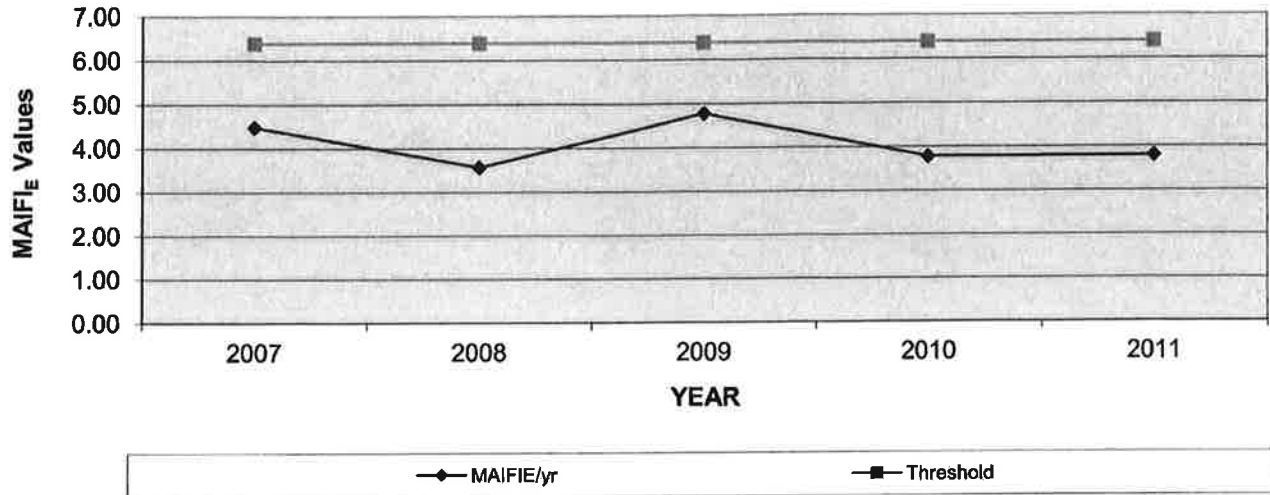


SYSTEM SAIDI VALUES					
2007	2008	2009	2010	2011	THRESHOLD
3.22	2.24	3.61	4.98	3.47	5.79



SYSTEM SAIFI VALUES					
2007	2008	2009	2010	2011	THRESHOLD
1.47	1.54	1.14	1.62	1.41	3.72

SYSTEM MAIFI_E VALUES



SYSTEM MAIFI _E VALUES					
2007	2008	2009	2010	2011	THRESHOLD
4.49	3.57	4.78	3.78	3.80	6.39

5 Years of Circuit SAIDI Data and Associated Thresholds

TABLE 1
SAIDI Values

CIRCUIT	2007	2008	2009	2010	2011	THRESHOLD
ADRN11			2.31	0.15	1.26	28.37
ADRN12			3.45	0.50	2.63	95.64
CARO11	1.43	1.26	0.73	5.48	1.26	14.91
CARO12	0.90	4.02	0.13	0.94	3.35	6.86
CARO13	0.43	0.31	0.08	1.75	0.91	1.45
CWVY11	2.97	3.14	0.33	2.98	2.86	7.88
CWVY12	8.13	10.44	2.61	50.35	7.80	14.19
DRKE11	10.50	3.55	9.42	11.67	7.41	13.70
DUKE11	0.54	5.93	2.96	0.00	9.94	14.12
DWSY11	54.99	7.28	5.19	2.37	9.50	29.00
ESTN11	24.68	7.97	1.57	9.72	0.00	34.60
HCSU11	0.00	0.00	0.00	0.00	0.00	5.37
HFVY11	2.16	4.10	4.16	21.65	9.59	11.83
HFVY12	6.99	12.96	7.10	0.18	13.12	26.73
HGTN11	0.65	1.29	2.30	15.86	2.15	31.26
HGTN12	0.00	0.00	0.03	3.86	0.13	5.16
HMDL12	3.26	5.01	10.87	2.48	0.79	34.47
HOLY11	0.26	4.70	3.65	4.48	0.84	9.73
HOLY12	0.63	0.25	1.63	2.62	0.89	4.86
HOLY13	2.87	0.81	2.01	2.24	0.50	9.34
HOPE11	8.82	6.01	3.09	5.67	3.25	12.96
HRPR11	14.51	5.94	15.35	26.48	8.45	28.69
HRPR12	14.07	18.58	13.83	11.13	7.12	32.42
JMSN11	9.07	0.71	4.59	8.24	4.78	10.12
JMSN12	6.53	0.61	1.01	4.90	0.44	7.58
JNTA11	44.57	7.40	5.91	7.81	7.19	25.19
JNTA12	46.01	6.13	1.76	9.38	5.23	19.88
JNVY11	4.56	3.63	19.28	36.95	36.21	64.44
JNVY12	2.90	8.71	20.93	44.29	38.47	28.11
JNVY31	6.16	10.58	31.32	38.77	42.42	128.22
LIME11	9.85	0.71	7.05	15.90	2.41	51.54
LIME12	5.03	0.51	0.03	25.53	8.11	12.07
MRBT41	2.20	7.05	1.86	1.09	56.83	11.26
MRBT42	0.22	0.37	0.28	0.15	0.10	25.14
NYSA11	0.04	0.33	2.71	0.46	0.39	4.20
NYSA12	0.40	2.28	1.16	1.49	2.65	37.43
NYSA13	1.18	4.13	1.85	0.22	1.08	16.43
NYSA14	3.19	0.13	0.70	0.05	0.48	8.58
OBPR11	0.00	0.00	0.00	0.00	0.00	0.00
OBPR12	0.00	0.00	0.00	0.00	0.00	1.00
OIDA11	4.32	1.79	0.06	0.41	0.72	17.65
OIDA12	2.14	0.00	1.55	4.90	4.92	4.57
ONTO14	7.50	0.70	0.50	1.23	1.37	17.26
ONTO18	0.41	0.16	0.03	0.21	0.27	2.96
ONTO19	0.88	0.22	0.11	1.67	0.33	1.54
ONTO20	0.83	0.17	1.46	0.33	1.66	3.75
ONTO23	11.26	0.00	0.83	0.58	0.29	50.45
ONTO24	5.07	1.59	1.03	2.18	0.14	6.73
ONTO25	0.30	0.02	0.12	0.14	0.32	0.66
OYDM11	0.00	0.20	0.00	0.67	0.00	14.36
PNCK11	0.07	8.87	1.29	17.36	14.37	18.07
PNCK12	0.00	1.28	0.00	0.00	14.20	23.00
PRMA12				0.83	4.42	12.15
PRMA42	0.94	6.22	6.24	6.64	0.27	25.36
RKVL11	3.83	43.75	21.75	54.96	29.68	78.56
UNTY11	3.68	2.73	0.65	0.47	1.89	15.03
UNTY12	5.39	2.51	0.87	0.31	1.66	10.67
VALE11	0.67	0.37	0.29	0.75	1.08	4.37
VALE13	2.98	0.43	34.59	19.98	2.14	39.28
VALE14	6.95	0.48	0.92	2.67	5.43	20.45
VALE15	0.35	5.48	0.53	0.54	0.63	7.35
WESR13	0.85	0.22	7.79	1.52	0.35	33.48
WESR14	1.10	0.17	0.91	0.52	0.42	56.58

5 Years of Circuit SAIFI Data and Associated Thresholds

TABLE 2

SAIFI VALUES

CIRCUIT	2007	2008	2009	2010	2011	THRESHOLD
ADRN11			2.20	0.10	1.15	13.00
ADRN12			1.73	0.11	3.37	8.00
CARO11	1.52	2.67	0.47	4.47	1.38	9.50
CARO12	1.77	2.41	0.24	1.07	4.27	7.24
CARO13	0.15	2.06	0.05	1.07	1.16	3.14
CWVY11	1.02	2.02	0.13	0.27	1.20	3.21
CWVY12	2.43	2.66	0.73	3.17	0.47	3.65
DRKE11	3.91	1.04	5.30	4.35	2.37	6.49
DUKE11	0.96	1.70	2.31	0.00	3.48	7.09
DWSY11	8.58	4.95	3.25	1.29	3.37	8.77
ESTN11	3.00	3.00	1.00	7.00	0.00	6.00
HCSU11	0.00	0.00	0.00	0.00	0.00	3.00
HFVY11	1.09	2.08	1.50	5.14	3.51	7.30
HFVY12	3.07	6.07	2.46	0.11	4.33	11.48
HGTN11	0.27	0.29	1.02	3.29	1.69	5.78
HGTN12	0.00	0.00	0.01	1.14	0.99	2.05
HMDL12	2.46	3.61	7.60	2.34	0.55	22.56
HOLY11	0.19	3.28	3.33	3.14	1.29	6.79
HOLY12	0.33	0.20	1.17	3.27	1.28	4.34
HOLY13	0.47	0.65	1.31	2.42	1.06	3.58
HOPE11	5.55	4.46	3.20	2.24	1.87	7.44
HRPR11	6.17	4.12	3.21	8.06	3.87	9.12
HRPR12	5.87	5.07	3.52	4.37	3.25	8.07
JMSN11	2.25	1.26	2.26	3.77	4.06	4.40
JMSN12	2.10	1.19	0.52	1.48	0.24	5.36
JNTA11	5.88	4.25	2.27	3.42	3.38	6.56
JNTA12	7.45	2.88	1.12	4.30	2.06	6.02
JNVY11	1.24	1.16	6.26	8.19	7.00	19.99
JNVY12	1.16	3.24	6.12	7.56	7.43	8.88
JNVY31	1.92	1.67	8.59	8.26	7.62	30.10
LIME11	3.02	0.31	2.52	1.94	1.32	16.61
LIME12	1.79	0.29	0.04	5.04	3.55	4.80
MRBT41	2.32	0.59	0.39	1.22	1.83	2.89
MRBT42	0.89	0.20	0.20	0.10	0.10	3.32
NYSA11	0.02	1.10	1.86	0.77	0.14	4.52
NYSA12	1.10	2.58	1.20	0.95	2.01	23.14
NYSA13	1.56	3.94	1.95	0.16	0.40	15.90
NYSA14	2.65	0.99	1.17	0.03	0.30	5.62
OBPR11	0.00	0.00	0.00	0.00	0.00	0.00
OBPR12	0.00	0.00	0.00	0.00	0.00	1.00
OIDA11	2.37	0.80	0.03	0.66	1.14	9.67
OIDA12	2.00	0.00	1.00	4.00	3.00	4.00
ONTO14	2.38	0.98	1.00	1.00	3.10	7.55
ONTO18	0.90	0.18	0.04	0.10	0.20	3.32
ONTO19	0.82	0.16	0.05	0.53	0.16	1.00
ONTO20	1.00	0.07	0.12	0.21	0.46	1.40
ONTO23	3.70	0.00	1.98	1.02	0.22	17.38
ONTO24	3.22	1.31	0.50	1.90	0.07	4.51
ONTO25	0.24	0.01	0.04	0.09	0.19	1.33
OYDM11	0.00	0.23	0.00	0.27	0.00	5.70
PNCK11	0.05	4.32	0.61	3.95	4.31	7.77
PNCK12	0.00	1.00	0.00	0.00	5.00	5.50
PRMA12				0.50	3.00	4.85
PRMA42	1.15	4.37	3.94	3.16	0.18	17.64
RKVL11	1.38	6.79	5.96	6.28	6.11	10.84
UNTY11	1.14	2.13	0.19	0.16	0.44	5.97
UNTY12	1.89	2.03	0.22	0.82	0.55	4.28
VALE11	0.35	1.12	0.24	0.31	0.66	3.87
VALE13	1.61	1.23	0.49	3.58	0.81	3.57
VALE14	1.10	1.23	0.49	1.55	3.08	5.38
VALE15	1.03	3.10	0.24	0.23	0.56	4.26
WESR13	0.63	0.15	2.25	0.47	0.02	6.72
WESR14	2.05	0.08	0.22	0.35	0.24	12.62

5 Years of Circuit MAIFIE Data and Associated Thresholds

TABLE 3

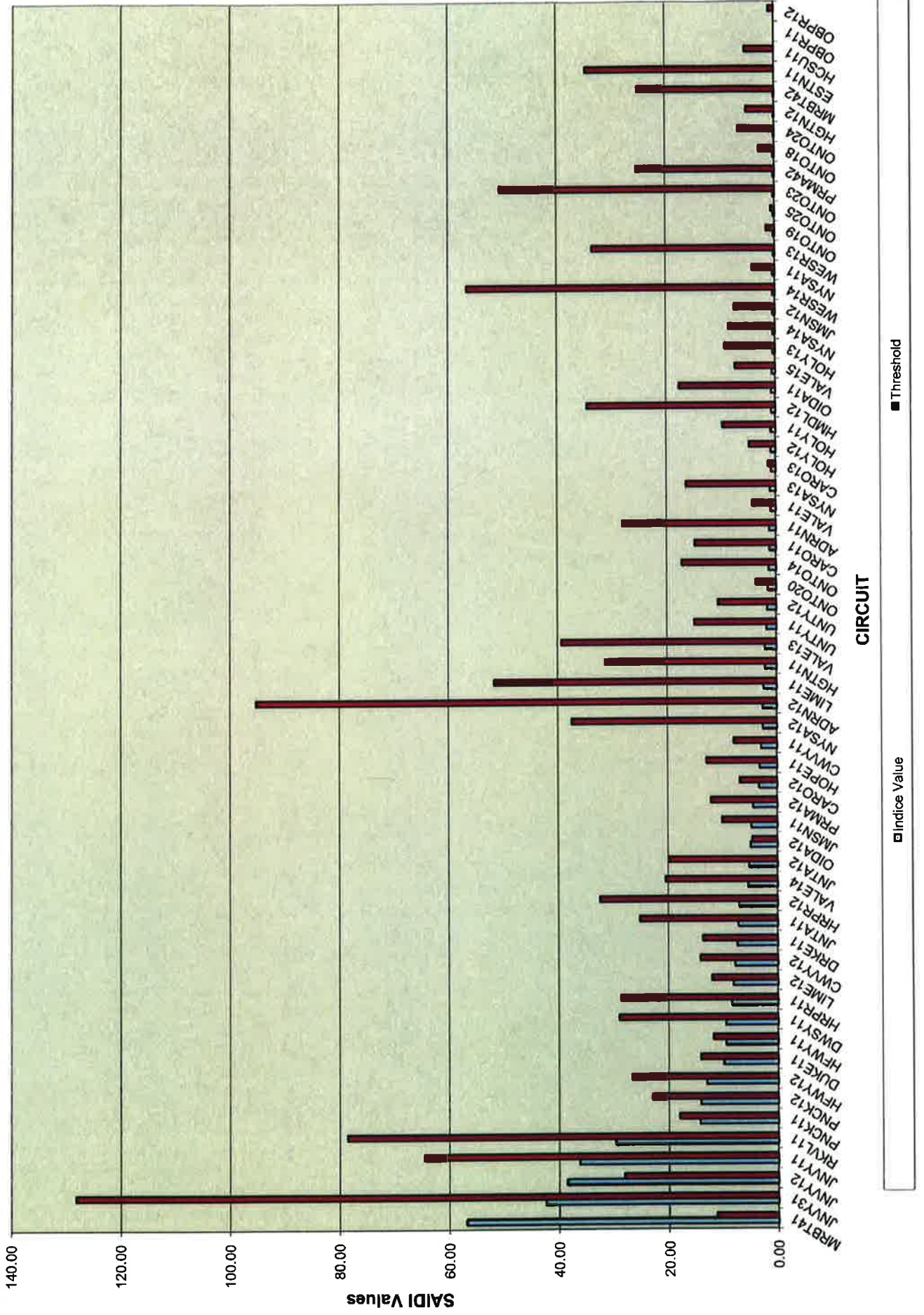
CIRCUIT	MAIFIE Values					THRESHOLD
	2007	2008	2009	2010	2011	
ADRN11			2.91	1.73	3.46	5.87
ADRN12			5.36	2.61	5.54	5.87
CARO11	3.09	3.91	3.04	2.81	3.52	15.33
CARO12	2.34	3.33	2.00	4.27	3.44	9.46
CARO13	1.11	3.00	4.00	3.00	1.00	6.99
CWVY11	8.96	10.00	10.00	7.00	0.00	13.00
CWVY12	15.26	10.55	9.98	11.62	5.71	13.45
DRKE11	6.00	2.00	19.13	6.04	1.09	8.00
DUKE11	10.04	6.00	6.00	2.00	7.00	12.91
DWSY11	10.06	16.76	5.87	19.53	18.26	20.84
ESTN11	2.00	0.00	0.00	0.00	0.00	12.13
HCSU11	0.00	0.00	0.00	0.00	0.00	4.00
HFVY11	11.18	5.27	9.50	15.60	12.75	14.95
HFVY12	13.11	9.03	8.79	9.20	14.32	14.81
HGTN11	3.06	2.11	4.10	1.20	3.00	6.78
HGTN12	2.00	1.00	2.00	0.00	2.00	4.00
HMDL12	7.00	11.80	40.98	20.03	4.52	5.00
HOLY11	2.03	4.00	3.00	1.00	0.00	6.00
HOLY12	0.00	5.00	2.00	1.00	2.00	5.00
HOLY13	3.14	6.16	5.28	1.49	1.29	4.80
HOPE11	10.33	17.00	6.00	22.17	3.22	24.29
HRPR11	10.89	14.30	7.00	17.00	0.00	21.50
HRPR12	14.81	21.64	7.65	23.07	8.27	22.95
JMSN11	11.00	9.00	14.00	13.00	0.00	13.00
JMSN12	9.57	8.38	9.93	6.00	6.38	13.62
JNTA11	7.14	18.00	4.00	19.00	17.00	19.95
JNTA12	6.56	16.00	4.00	20.00	0.00	18.97
JNVY11	6.43	9.22	12.45	6.36	16.85	12.00
JNVY12	6.00	10.00	22.00	14.00	16.00	9.00
JNVY31	9.77	11.81	24.03	19.54	21.16	10.00
LIME11	7.00	1.00	8.00	4.77	1.25	4.00
LIME12	4.66	1.27	2.00	2.35	0.00	3.00
MRBT41	4.00	4.00	11.00	5.00	0.00	9.69
MRBT42	3.00	7.00	3.00	0.00	4.00	6.00
NYSA11	1.00	1.00	0.00	0.60	0.68	5.00
NYSA12	2.19	5.78	4.62	1.08	4.07	9.70
NYSA13	3.29	1.86	0.07	0.00	0.00	5.87
NYSA14	1.75	1.00	0.39	1.00	0.00	3.00
OBPR11	0.00	0.00	3.59	3.59	0.00	2.00
OBPR12	0.00	0.00	0.00	0.00	0.00	2.00
OIDA11	5.17	5.19	0.00	1.30	0.14	5.00
OIDA12	1.00	0.00	0.00	1.00	0.00	7.00
ONTO14	1.00	0.00	2.00	1.00	0.00	13.00
ONTO18	1.00	1.00	4.00	1.00	0.00	5.00
ONTO19	3.02	1.00	2.00	6.00	1.11	7.99
ONTO20	2.00	0.00	5.17	1.00	0.00	9.03
ONTO23	5.00	3.63	0.00	1.00	4.00	9.00
ONTO24	7.19	3.00	2.00	14.00	1.49	7.81
ONTO25	1.99	3.63	17.45	1.00	0.00	5.00
OYDM11	2.00	9.45	0.00	0.00	0.00	1.88
PNCK11	8.84	0.00	8.70	6.23	7.55	19.66
PNCK12	4.00	34.96	20.00	0.00	0.00	14.00
PRMA12				0.00	3.00	10.00
PRMA42	4.65	4.00	14.07	9.00	2.00	10.00
RKVL11	6.00	14.13	10.07	11.00	17.00	3.00
UNTY11	9.25	12.90	3.27	14.00	9.40	13.00
UNTY12	8.95	3.00	6.61	7.56	5.91	13.38
VALE11	1.77	3.71	2.07	1.54	3.67	3.99
VALE13	7.36	4.00	2.70	10.37	3.56	5.82
VALE14	6.06	1.47	0.52	2.00	0.00	7.31
VALE15	1.00	3.00	1.00	0.67	4.00	5.23
WESR13	3.83	11.00	0.52	3.79	0.00	3.83
WESR14	10.00	0.00	1.00	1.00	0.00	10.00

2011 Descending Order Sort of Reliability Indices by Circuit

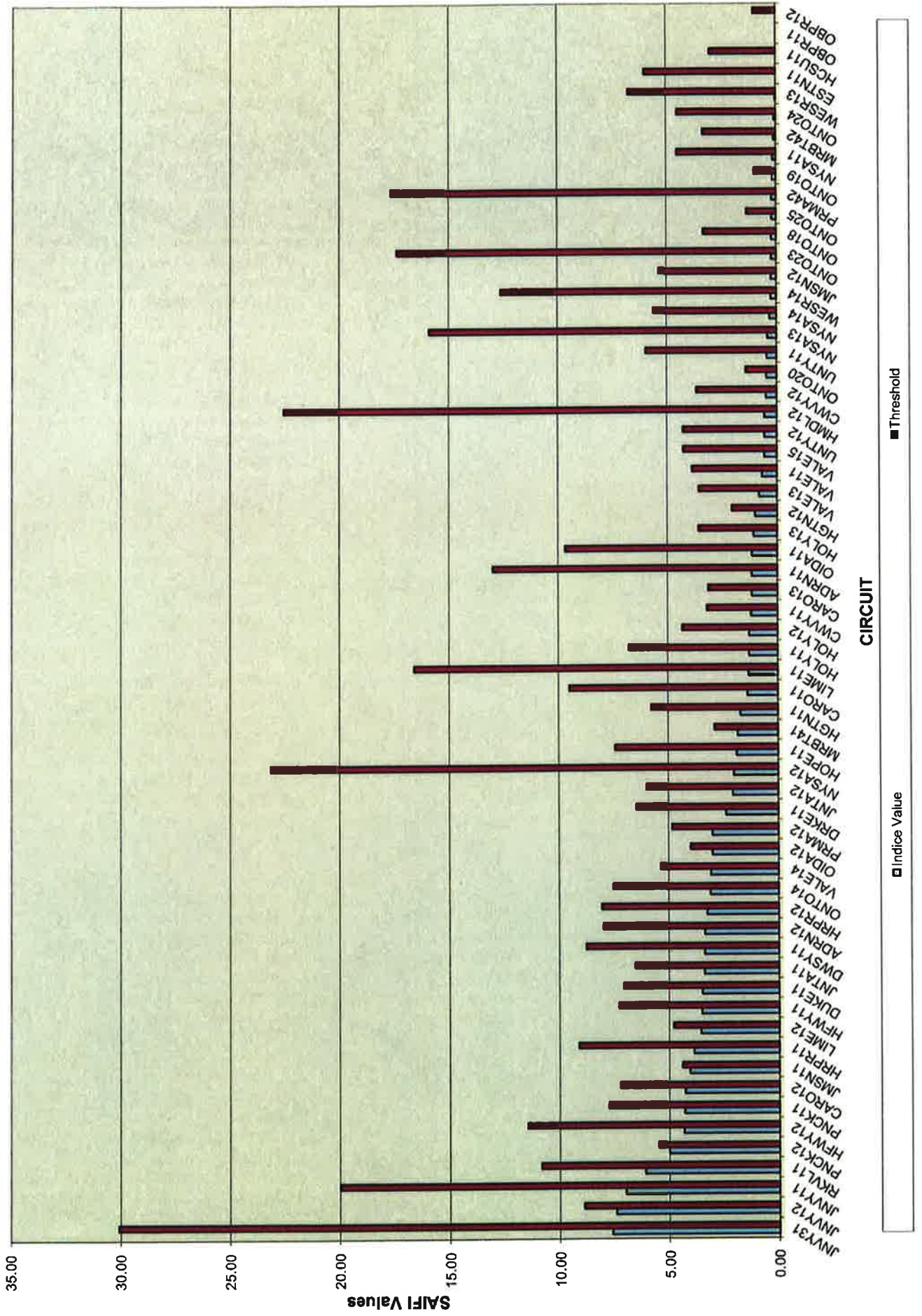
TABLE 4

CIRCUIT	SAIDI	THLD	CIRCUIT	SAIFI	THLD	CIRCUIT	MAIFI _E	THLD
MRBT41	56.83	11.26	JNVY31	7.62	30.10	JNVY31	21.16	10.00
JNVY31	42.42	128.22	JNVY12	7.43	8.88	DWSY11	18.26	20.84
JNVY12	38.47	28.11	JNVY11	7.00	19.99	JNTA11	17.00	19.95
JNVY11	36.21	64.44	RKVL11	6.11	10.84	RKVL11	17.00	3.00
RKVL11	29.68	78.56	PNCK12	5.00	5.50	JNVY11	16.85	12.00
PNCK11	14.37	18.07	HFVY12	4.33	11.48	JNVY12	16.00	9.00
PNCK12	14.20	23.00	PNCK11	4.31	7.77	HFVY12	14.32	14.81
HFVY12	13.12	26.73	CARO12	4.27	7.24	HFVY11	12.75	14.95
DUKE11	9.94	14.12	JMSN11	4.06	4.40	UNTY11	9.40	13.00
HFVY11	9.59	11.83	HRPR11	3.87	9.12	HRPR12	8.27	22.95
DWSY11	9.50	29.00	LIME12	3.55	4.80	PNCK11	7.55	19.66
HRPR11	8.45	28.69	HFVY11	3.51	7.30	DUKE11	7.00	12.91
LIME12	8.11	12.07	DUKE11	3.48	7.09	JMSN12	6.38	13.62
CWVY12	7.80	14.19	JNTA11	3.38	6.56	UNTY12	5.91	13.38
DRKE11	7.41	13.70	DWSY11	3.37	8.77	CWVY12	5.71	13.45
JNTA11	7.19	25.19	ADRN12	3.37	8.00	ADRM12	5.54	5.87
HRPR12	7.12	32.42	HRPR12	3.25	8.07	HMDL12	4.52	5.00
VALE14	5.43	20.45	ONTO14	3.10	7.55	NYSA12	4.07	9.70
JNTA12	5.23	19.88	VALE14	3.08	5.38	MRBT42	4.00	6.00
OIDA12	4.92	4.57	OIDA12	3.00	4.00	ONTO23	4.00	9.00
JMSN11	4.78	10.12	PRMA12	3.00	4.85	VALE15	4.00	5.23
PRMA12	4.42	12.15	DRKE11	2.37	6.49	VALE11	3.67	3.99
CARO12	3.35	6.86	JNTA12	2.06	6.02	VALE13	3.56	5.82
HOPE11	3.25	12.96	NYSA12	2.01	23.14	CARO11	3.52	15.33
CWVY11	2.86	7.88	HOPE11	1.87	7.44	ADRN11	3.46	5.87
NYSA12	2.65	37.43	MRBT41	1.83	2.89	CARO12	3.44	9.46
ADRN12	2.63	95.24	HGTN11	1.69	5.78	HOPE11	3.22	24.29
LIME11	2.41	51.54	CARO11	1.38	9.50	HGTN11	3.00	6.78
HGTN11	2.15	31.26	LIME11	1.32	16.61	PRMA12	3.00	10.00
VALE13	2.14	39.28	HOLY11	1.29	6.79	HGTN12	2.00	4.00
UNTY11	1.89	15.03	HOLY12	1.28	4.34	HOLY12	2.00	5.00
UNTY12	1.66	10.67	CWVY11	1.20	3.21	PRMA42	2.00	10.00
ONTO20	1.66	3.75	CARO13	1.16	3.14	ONTO24	1.49	7.81
ONTO14	1.37	17.26	ADRN11	1.15	13.00	HOLY13	1.29	4.80
CARO11	1.26	14.91	OIDA11	1.14	9.67	LIME11	1.25	4.00
ADRN11	1.26	28.07	HOLY13	1.06	3.58	ONTO19	1.11	7.99
VALE11	1.08	4.37	HGTN12	0.99	2.05	DRKE11	1.09	8.00
NYSA13	1.08	16.43	VALE13	0.81	3.57	CARO13	1.00	6.99
CARO13	0.91	1.45	VALE11	0.66	3.87	NYSA11	0.68	5.00
HOLY12	0.89	4.86	VALE15	0.56	4.26	OIDA11	0.14	5.00
HOLY11	0.84	9.73	UNTY12	0.55	4.28	CWVY11	0.00	13.00
HMDL12	0.79	34.47	HMDL12	0.55	22.56	ESTN11	0.00	12.13
OIDA11	0.72	17.65	CWVY12	0.47	3.65	HCSU11	0.00	4.00
VALE15	0.63	7.35	ONTO20	0.46	1.40	HOLY11	0.00	6.00
HOLY13	0.50	9.34	UNTY11	0.44	5.97	HRPR11	0.00	21.50
NYSA14	0.48	8.58	NYSA13	0.40	15.90	JMSN11	0.00	13.00
JMSN12	0.44	7.58	NYSA14	0.30	5.62	JNTA12	0.00	18.97
WESR14	0.42	56.58	WESR14	0.24	12.62	LIME12	0.00	3.00
NYSA11	0.39	4.20	JMSN12	0.24	5.36	MRBT41	0.00	9.69
WESR13	0.35	33.48	ONTO23	0.22	17.38	NYSA13	0.00	5.87
ONTO19	0.33	1.54	ONTO18	0.20	3.32	NYSA14	0.00	3.00
ONTO25	0.32	0.66	ONTO25	0.19	1.33	OBPR11	0.00	2.00
ONTO23	0.29	50.45	PRMA42	0.18	17.64	OBPR12	0.00	2.00
PRMA42	0.27	25.36	ONTO19	0.16	1.00	OIDA12	0.00	7.00
ONTO18	0.27	2.96	NYSA11	0.14	4.52	ONTO14	0.00	13.00
ONTO24	0.14	6.73	MRBT42	0.10	3.32	ONTO18	0.00	5.00
HGTN12	0.13	5.16	ONTO24	0.07	4.51	ONTO20	0.00	9.03
MRBT42	0.10	25.14	WESR13	0.02	6.72	ONTO25	0.00	5.00
ESTN11	0.00	34.60	ESTN11	0.00	6.00	OYDM11	0.00	1.88
HCSU11	0.00	5.37	HCSU11	0.00	3.00	PNCK12	0.00	14.00
OBPR11	0.00	0.00	OBPR11	0.00	0.00	VALE14	0.00	7.31
OBPR12	0.00	1.00	OBPR12	0.00	1.00	WESR13	0.00	3.83
OYDM11	0.00	14.36	OYDM11	0.00	5.70	WESR14	0.00	10.00

2011 Circuit SAIDI Values
CHART 1

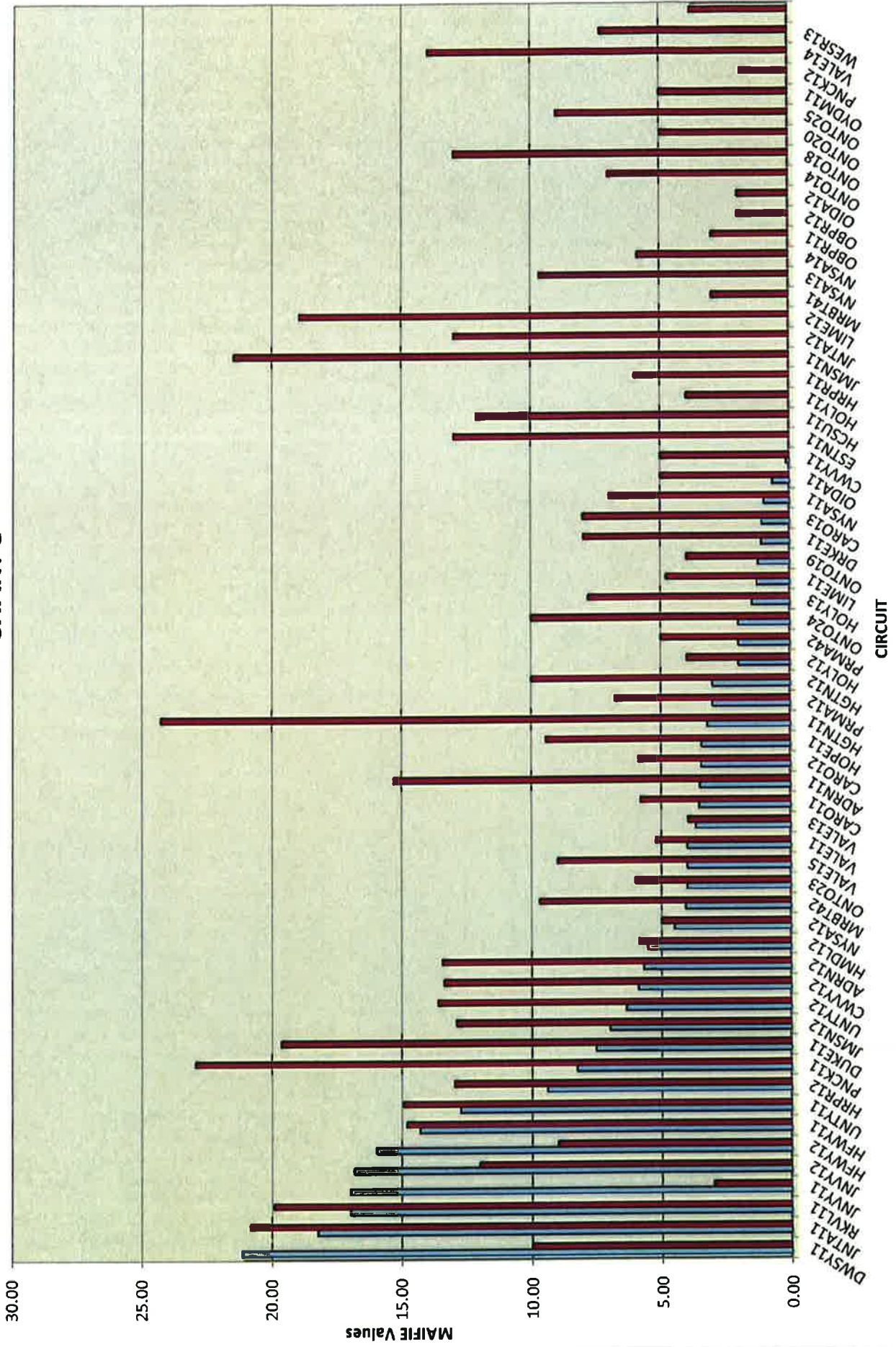


2011 Circuit SAIFI Values
CHART 2



2011 Circuit MAIFle Values

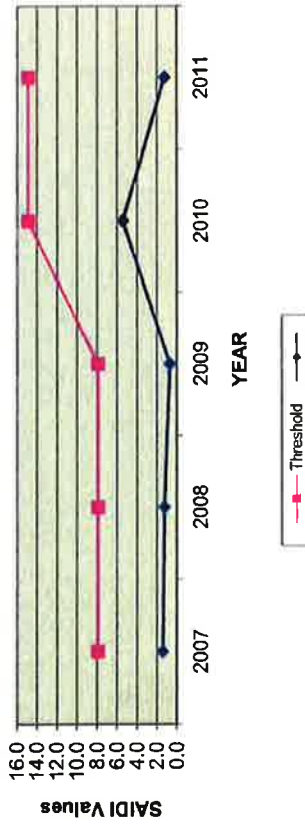
CHART 3



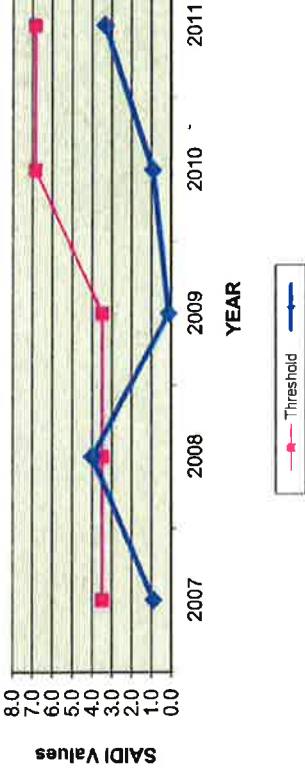
Index Threshold

CHARTS - Circuit SAIDI Values

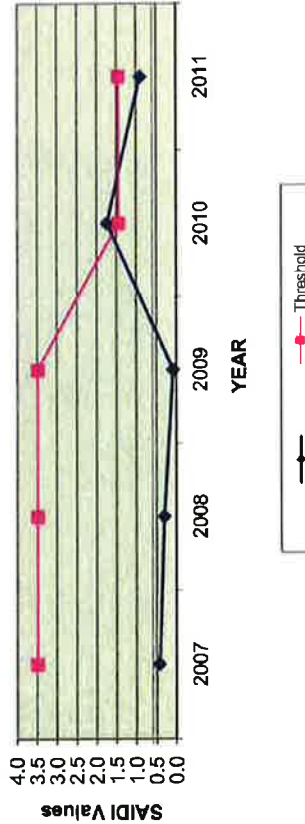
SAIDI Values For CARO11



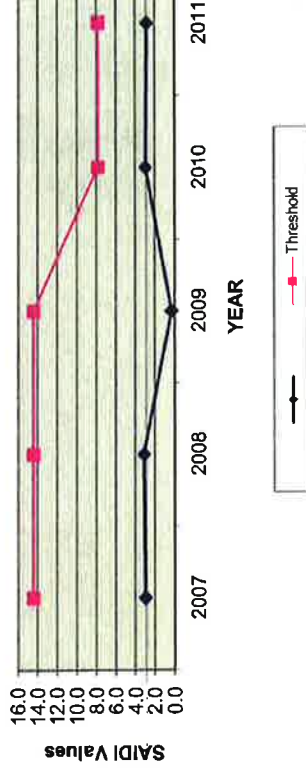
SAIDI Values For CARO12



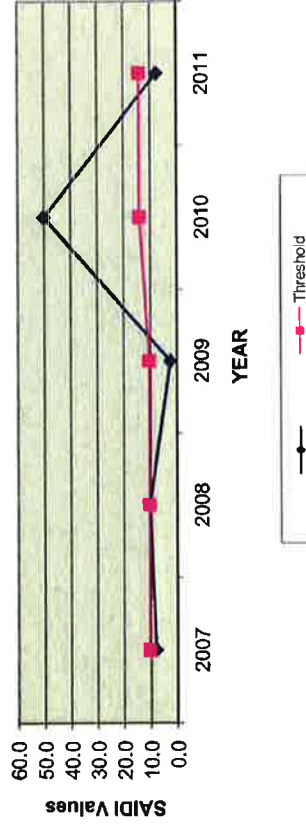
SAIDI Values For CARO13



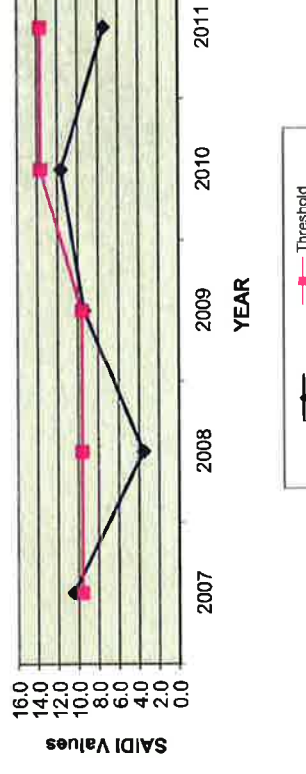
SAIDI Values For CWVY11



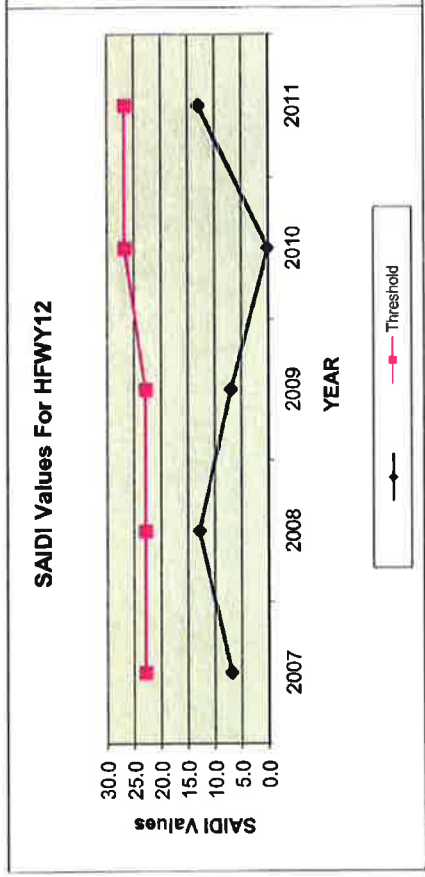
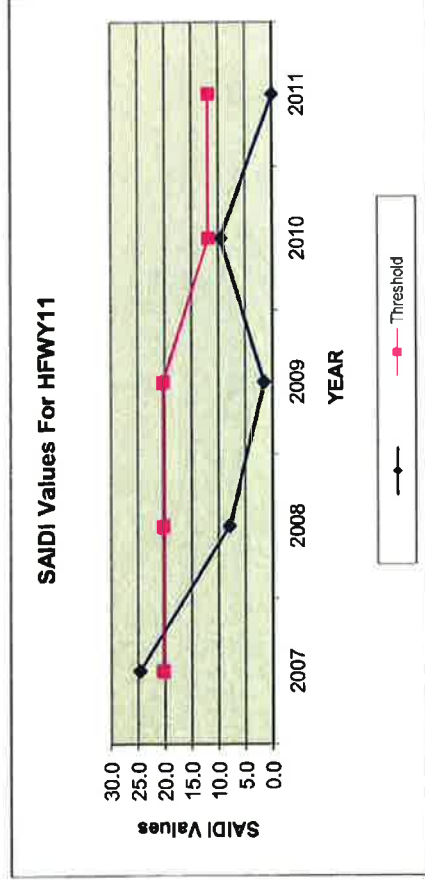
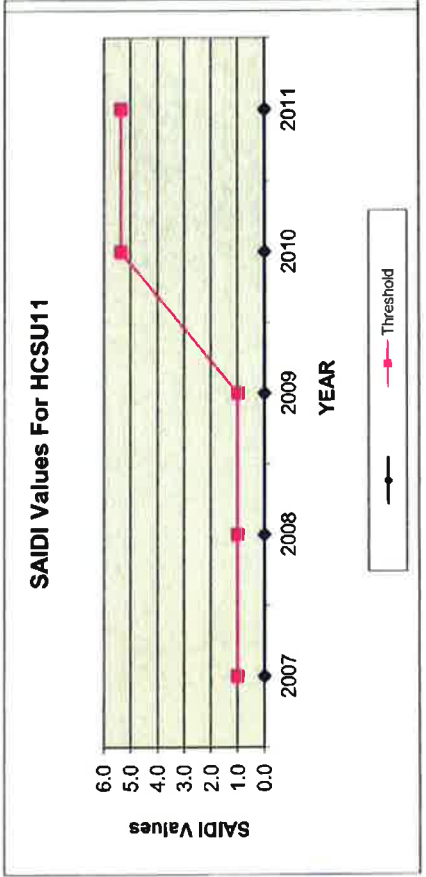
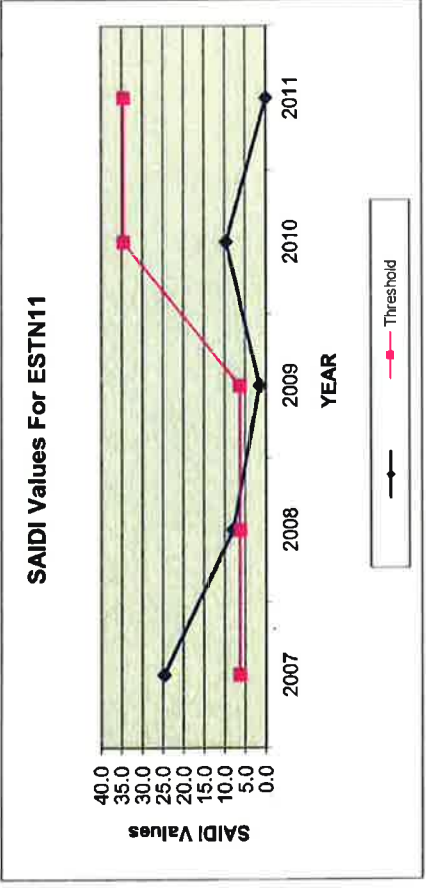
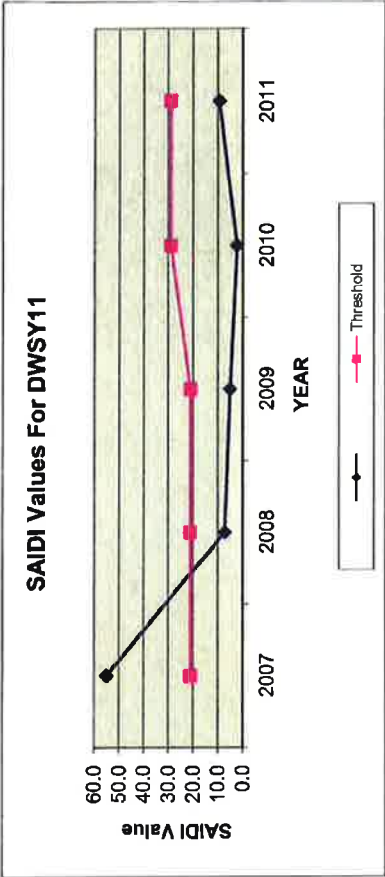
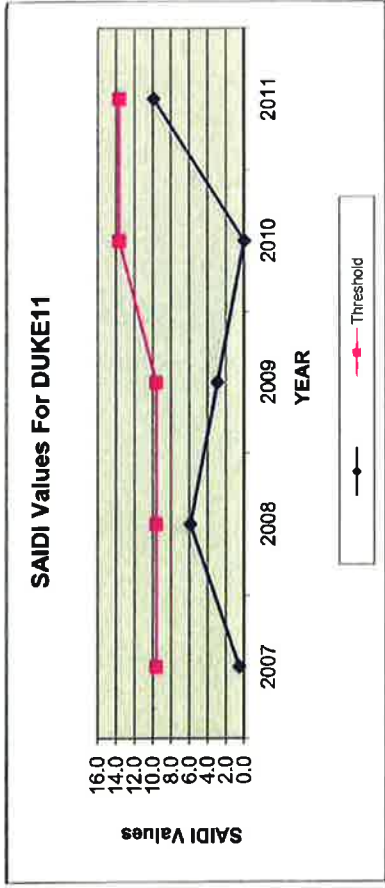
SAIDI Values For CWVY12



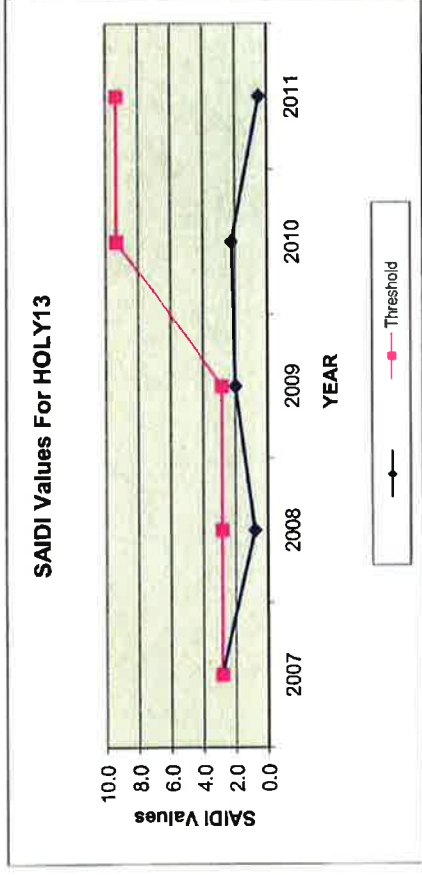
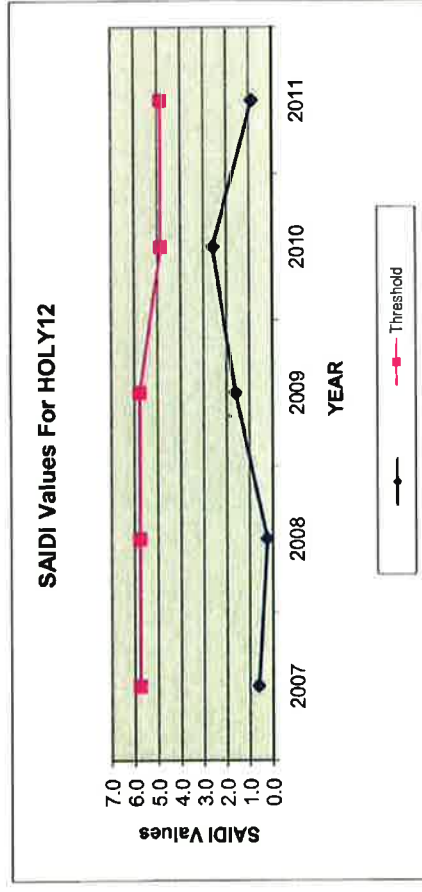
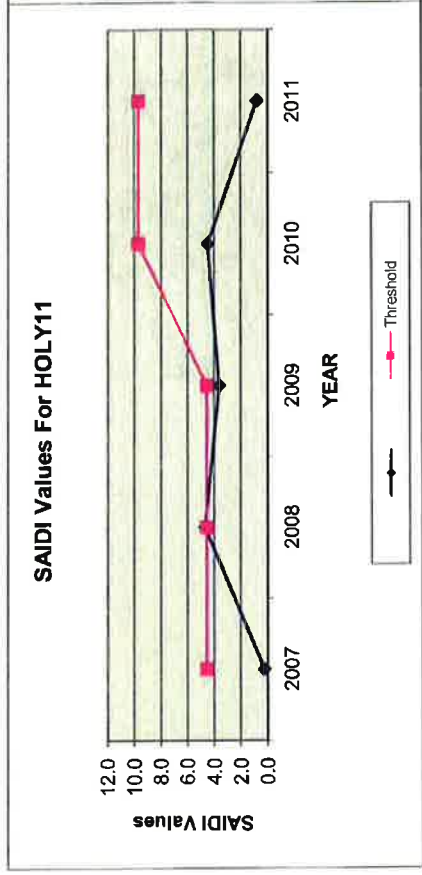
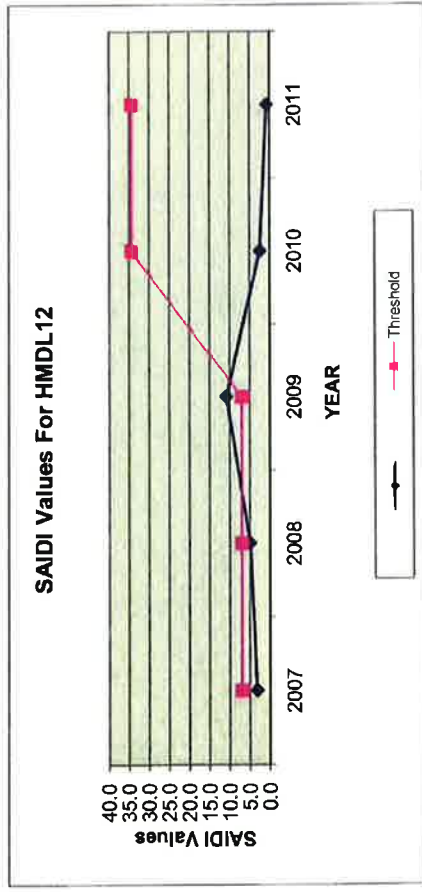
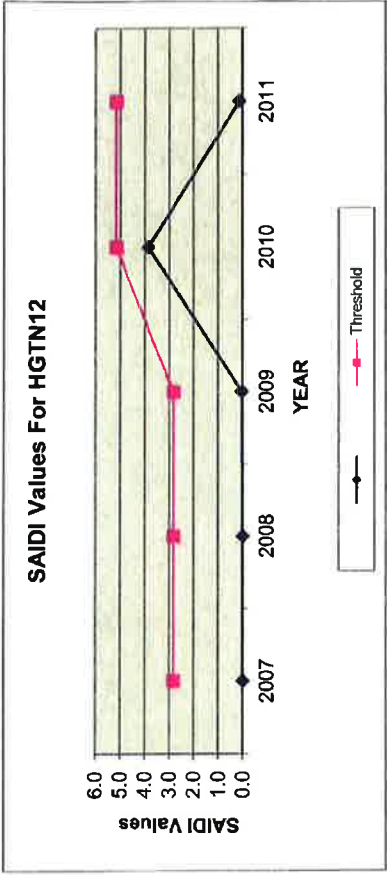
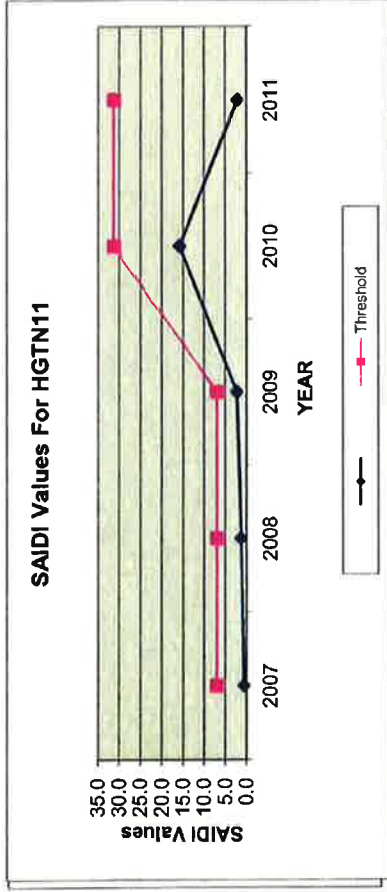
SAIDI Values For DRKE11



CHARTS - Circuit SAIDI Values

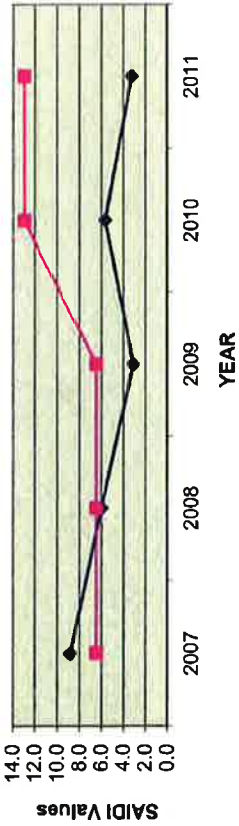


CHARTS - Circuit SAIDI Values

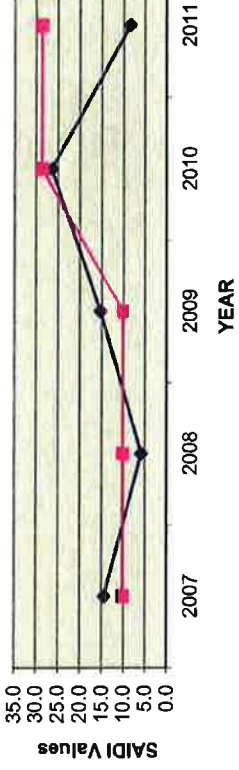


CHARTS - Circuit SAIDI Values

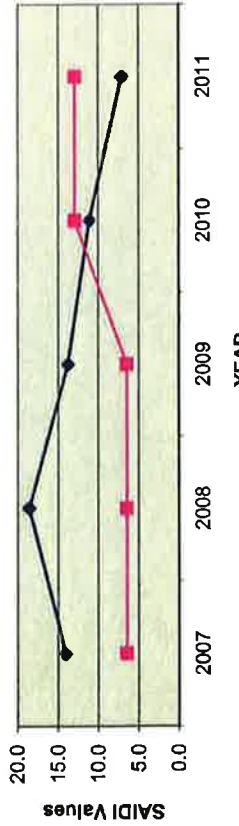
SAIDI Values For HOPE11



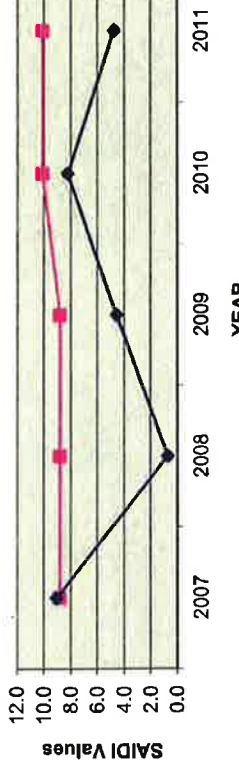
SAIDI Values for HRPR11



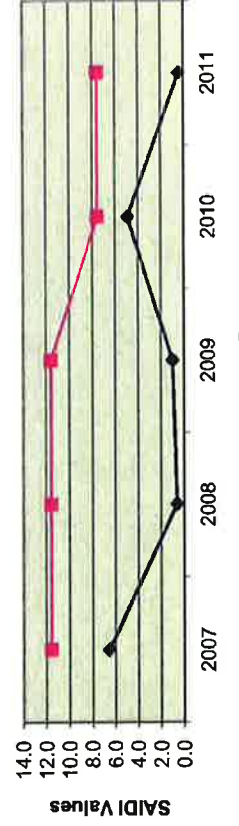
SAIDI Values For HRPR12



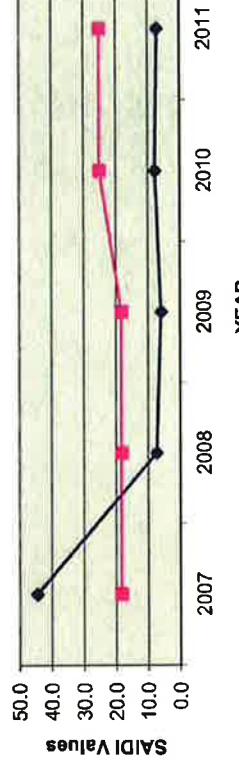
SAIDI Values For JMSN11



SAIDI Values For JMSN12

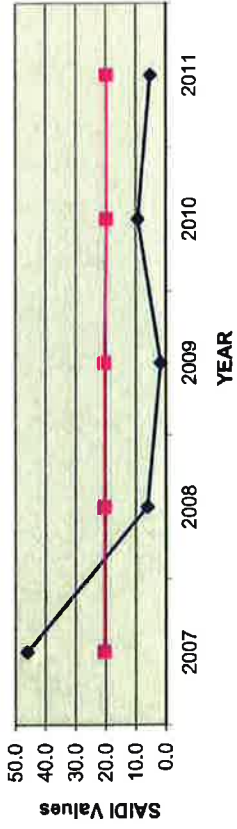


SAIDI Values For JNTA11

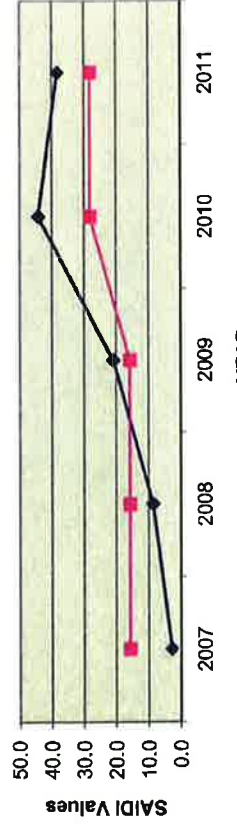


CHARTS - Circuit SAIDI Values

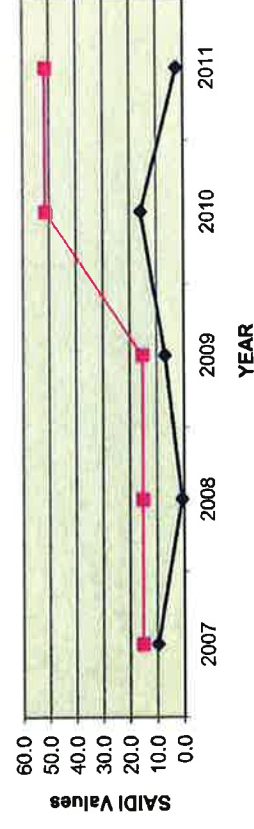
SAIDI Values For JNTA12



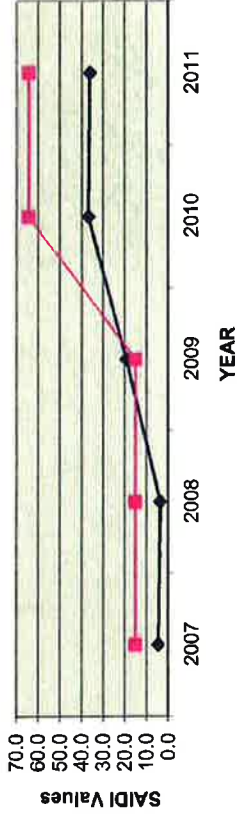
SAIDI Values For JNVY12



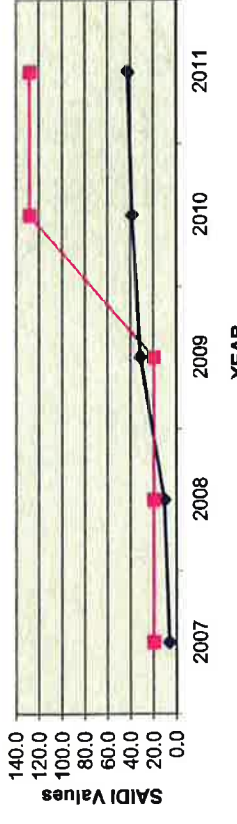
SAIDI Values For LIME11



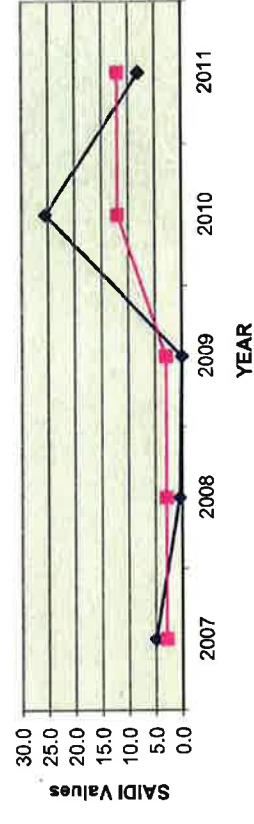
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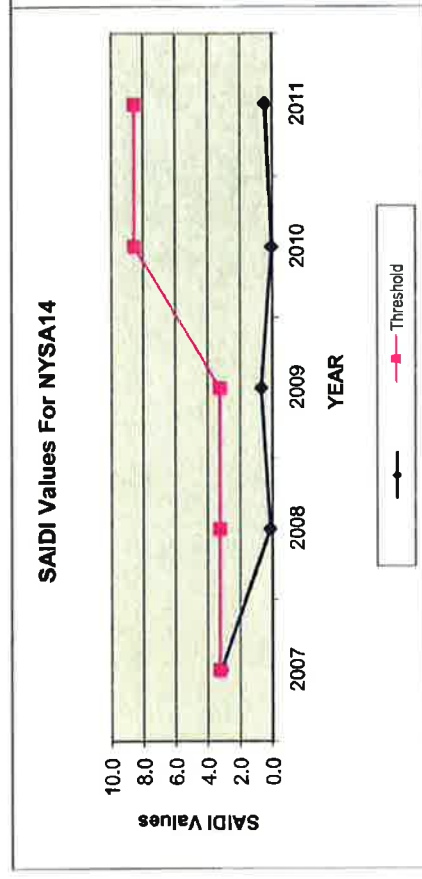
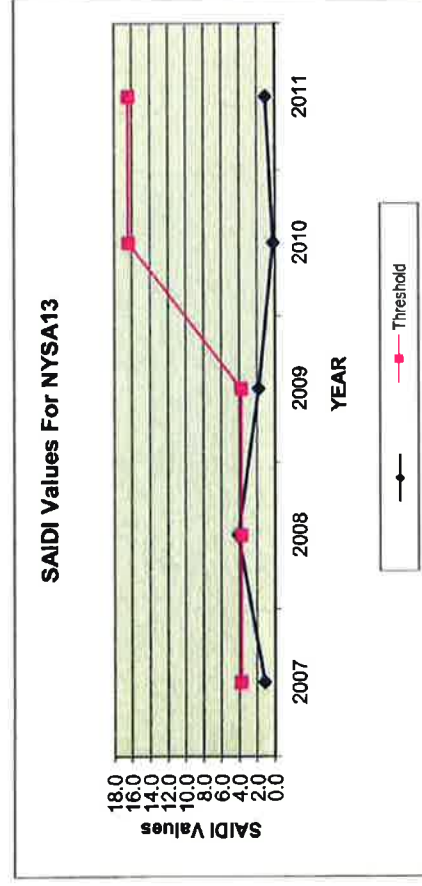
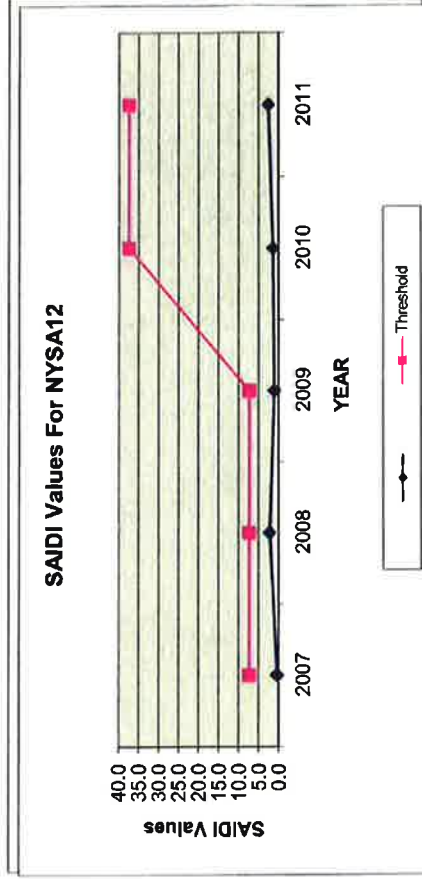
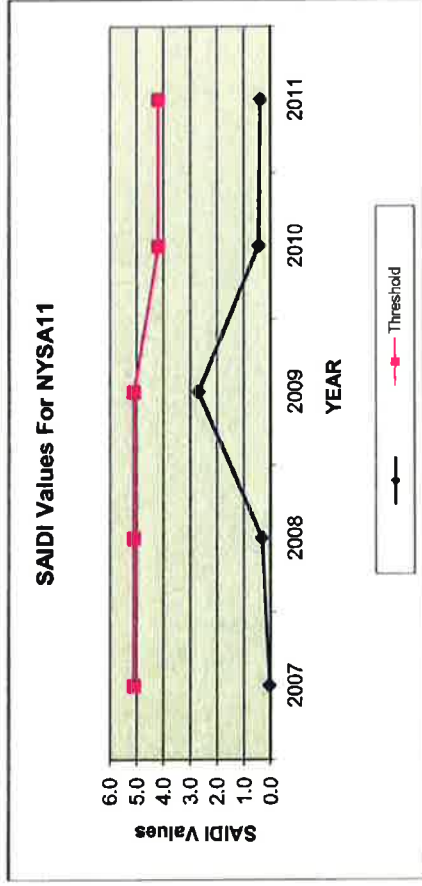
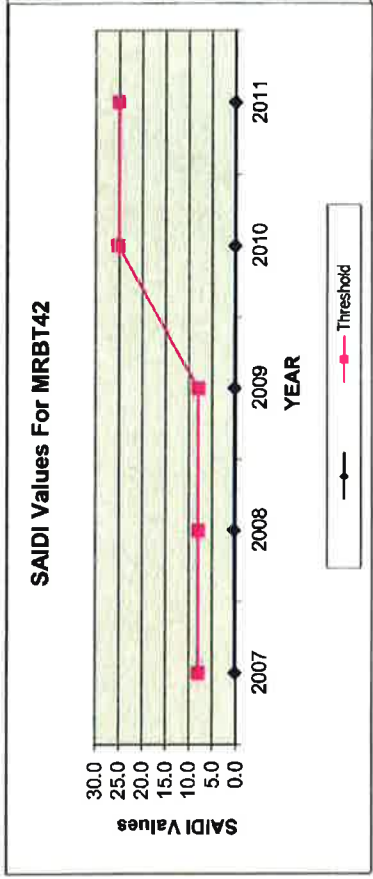
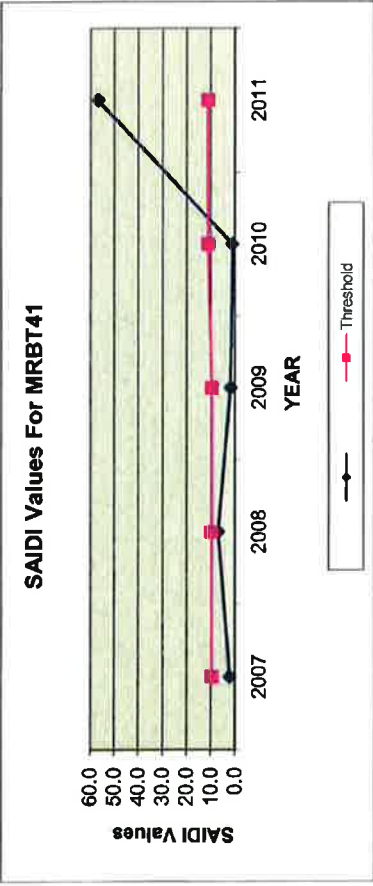
SAIDI Values For JNVY31



SAIDI Values For LIME12

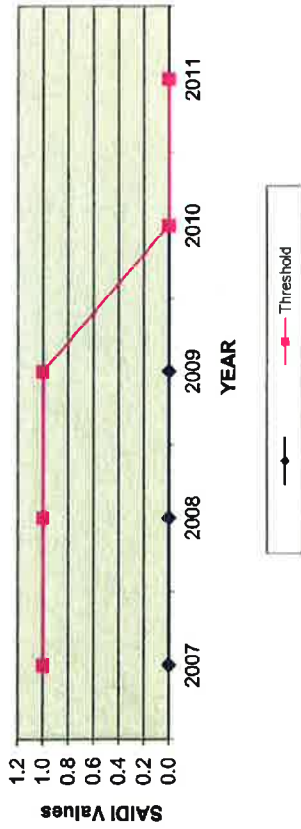


CHARTS - Circuit SAIDI Values

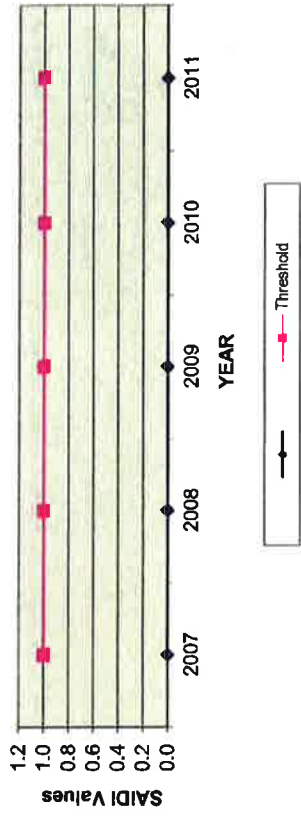


CHARTS - Circuit SAIDI Values

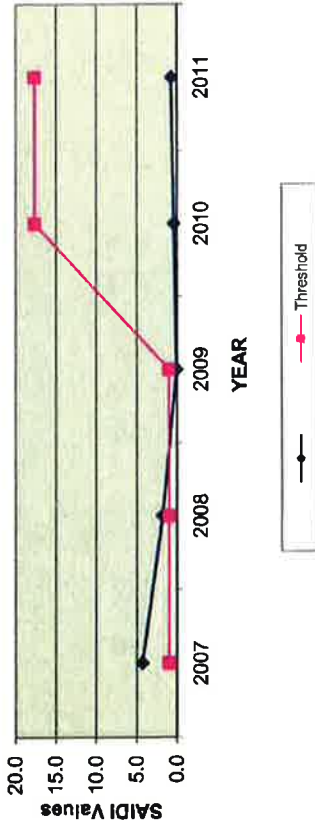
SAIDI Values For OBPR11



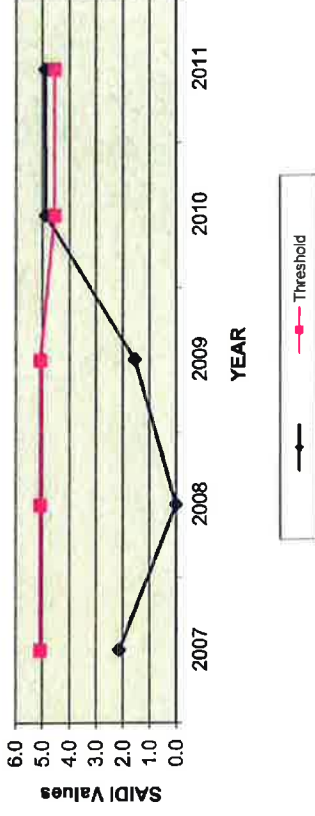
SAIDI Values For OBPR12



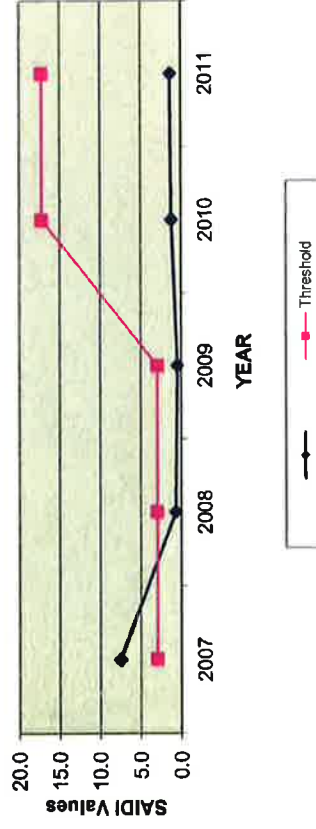
SAIDI Values for OIDA11



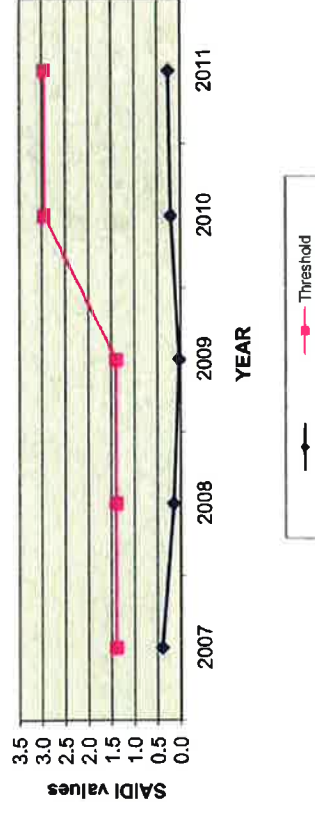
SAIDI Values For OIDA12



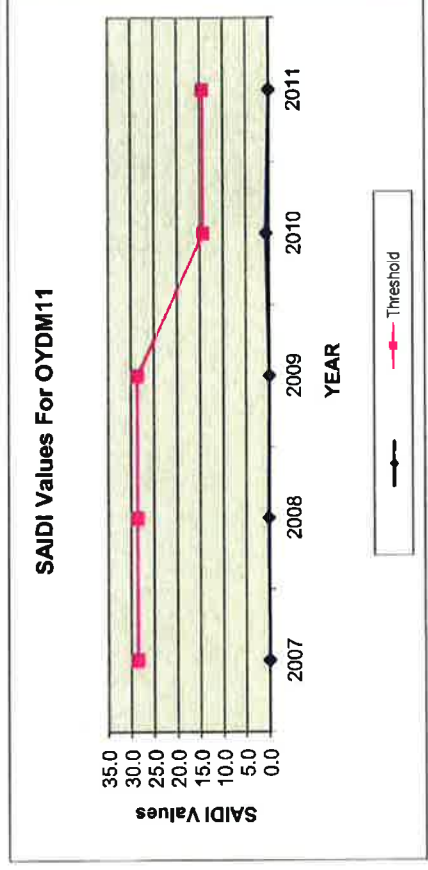
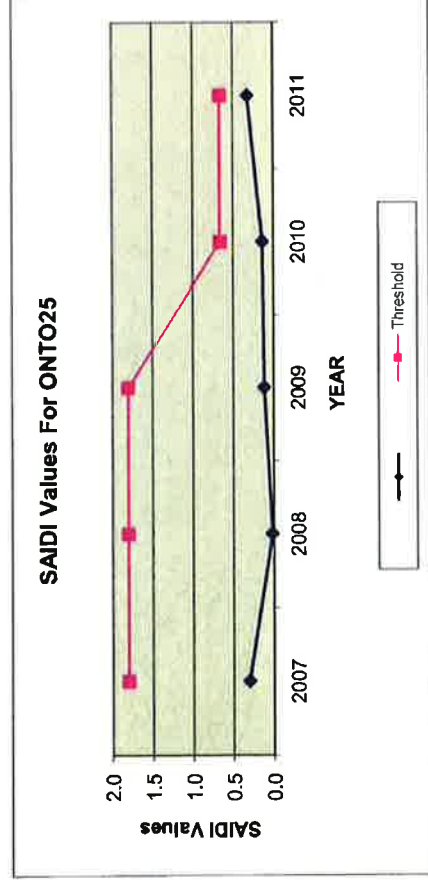
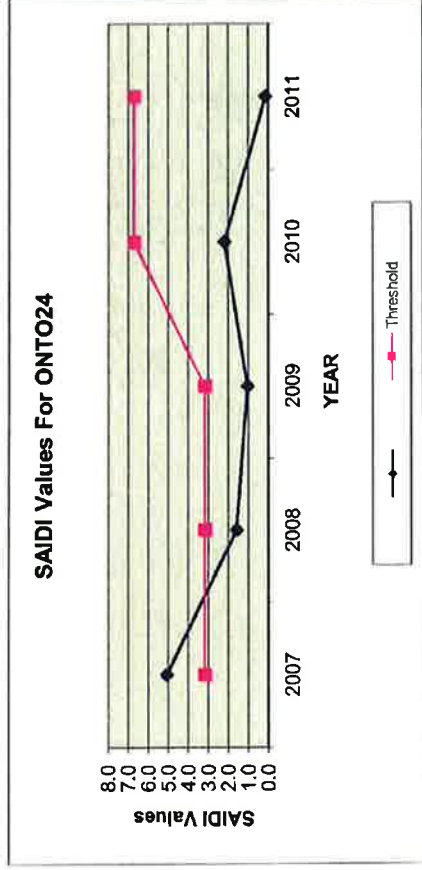
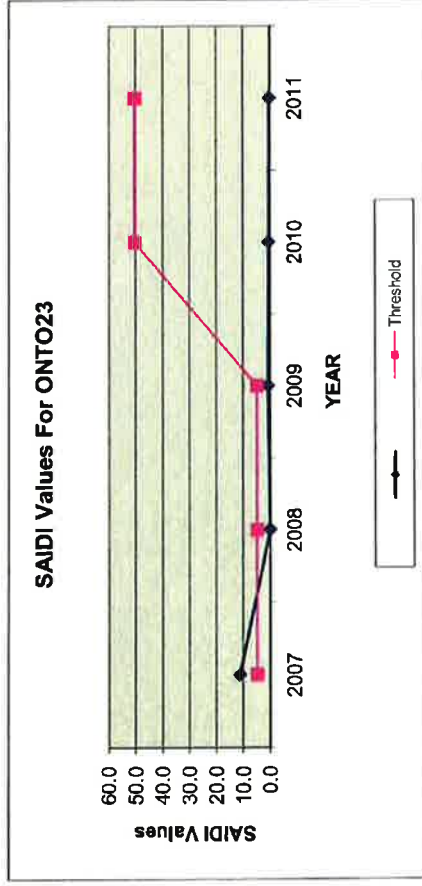
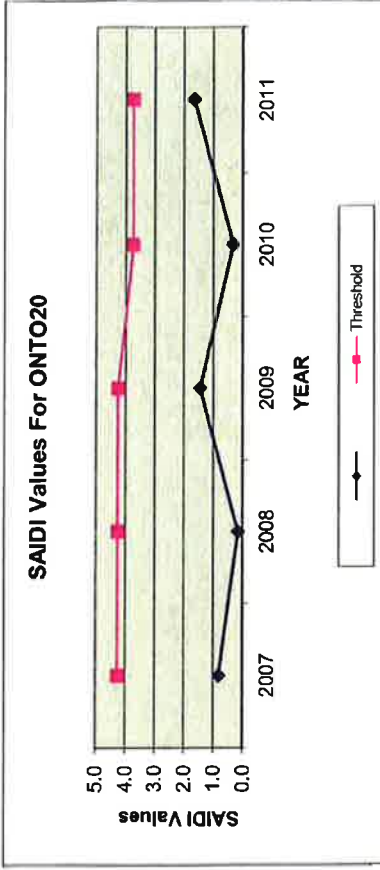
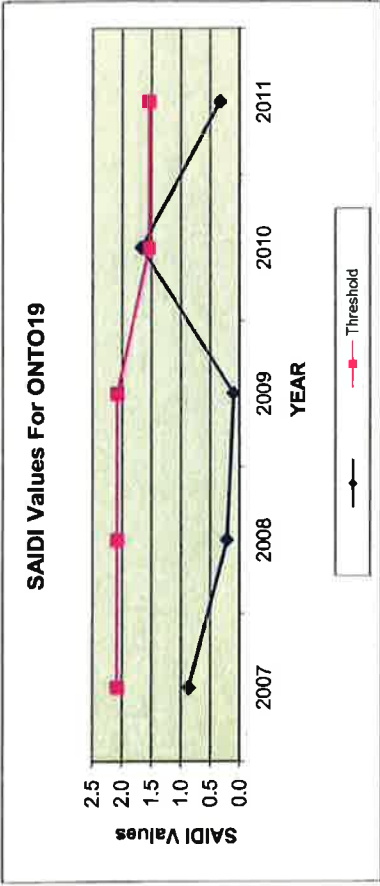
SAIDI Values For ONTO14



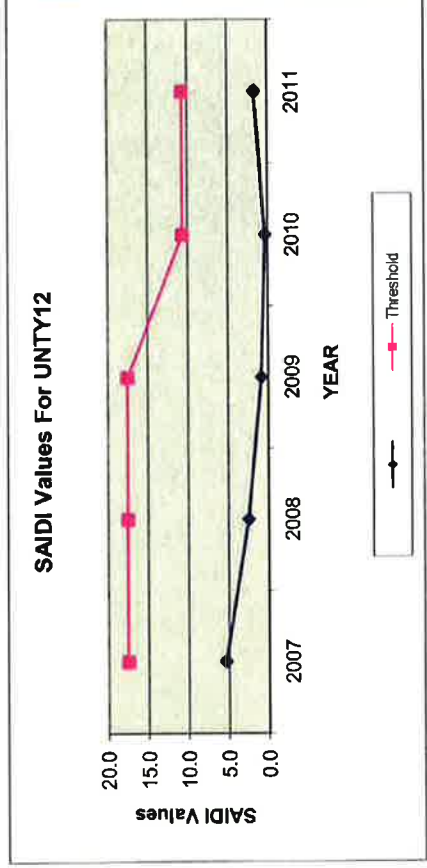
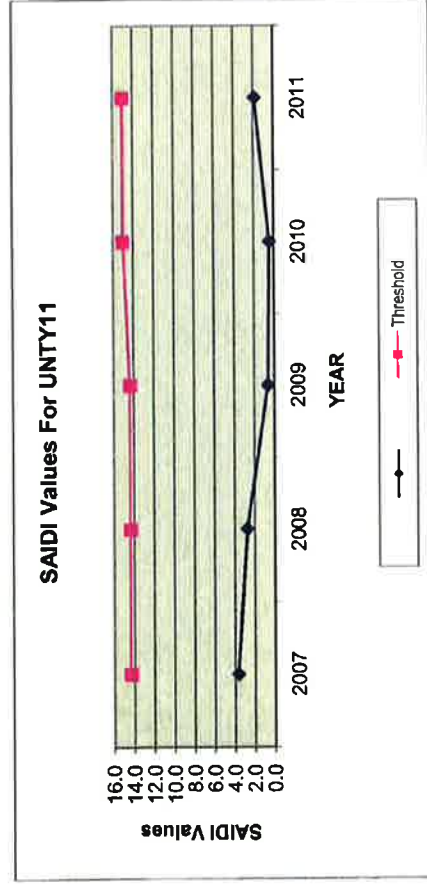
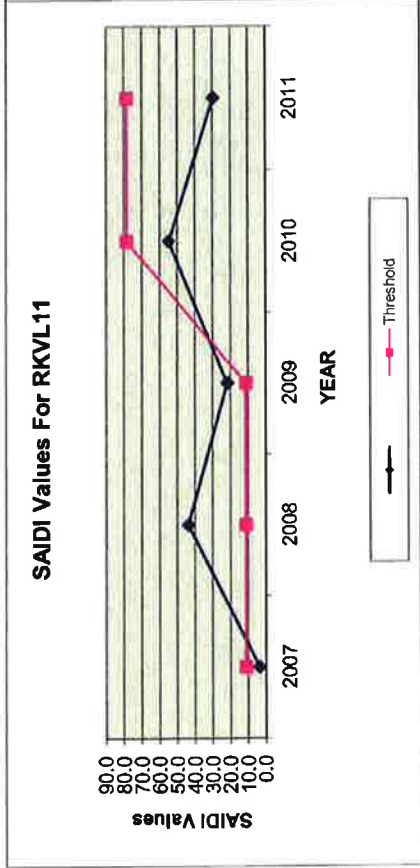
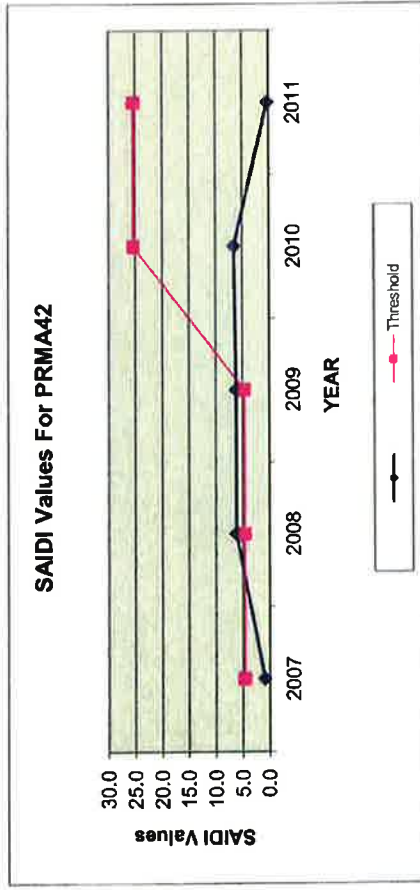
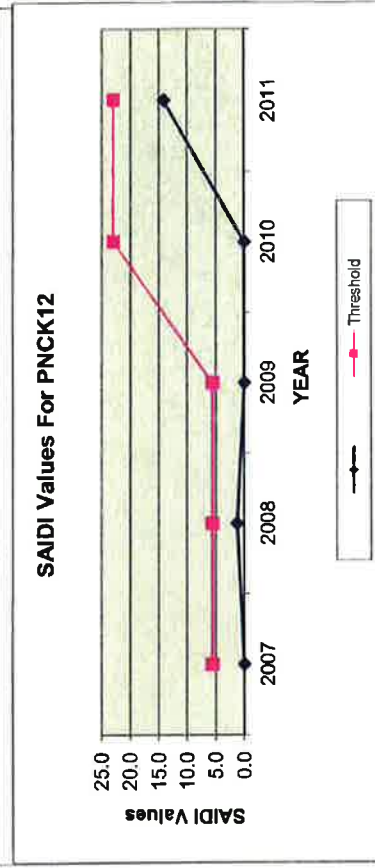
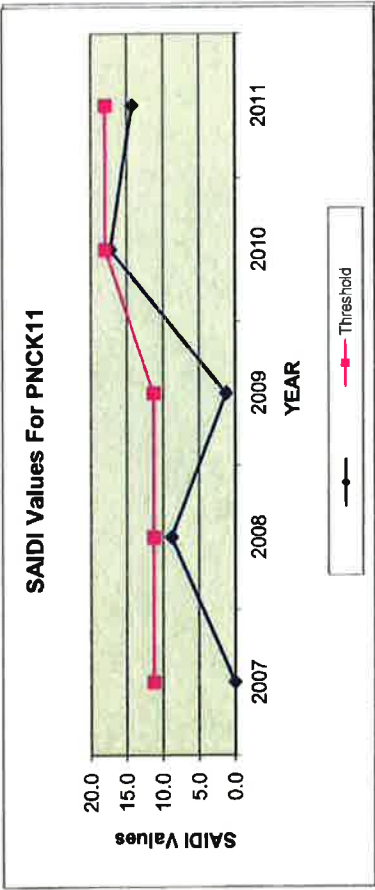
SAIDI Values For ONTO18



CHARTS - Circuit SAIDI Values

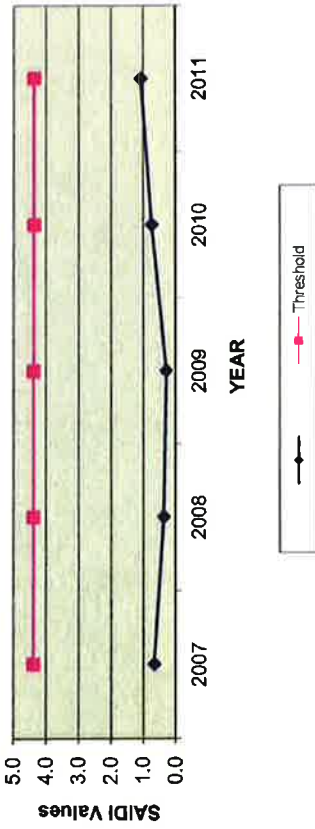


CHARTS - Circuit SAIDI Values

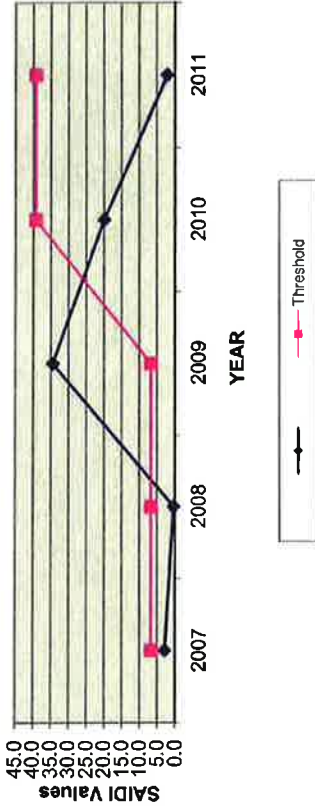


CHARTS - Circuit SAIDI Values

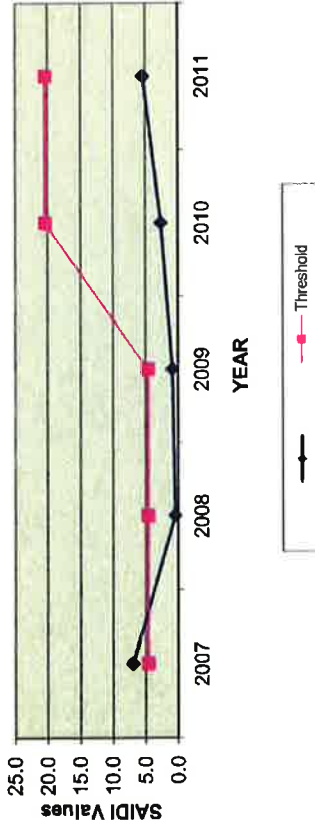
SAIDI Values For VALE11



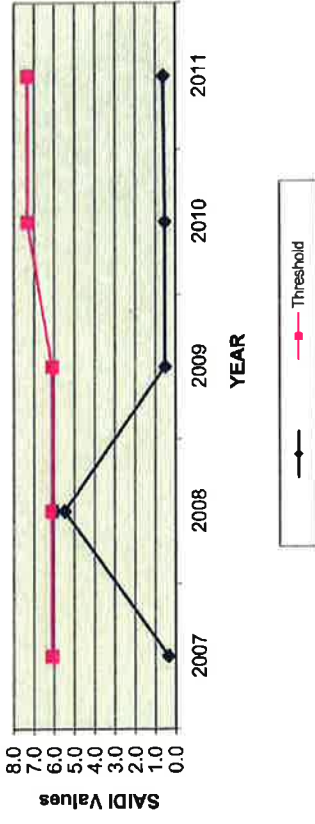
SAIDI Values For VALE13



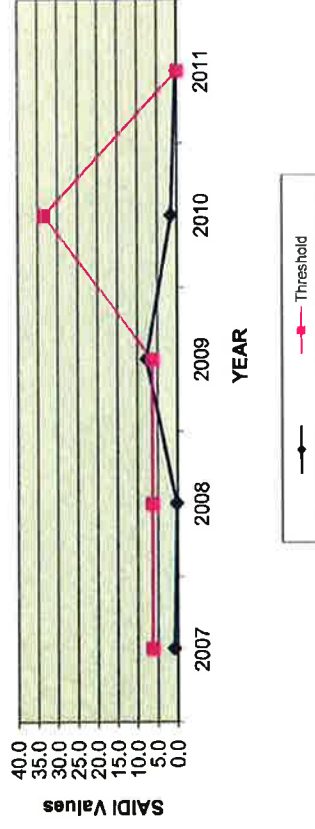
SAIDI Values For VALE14



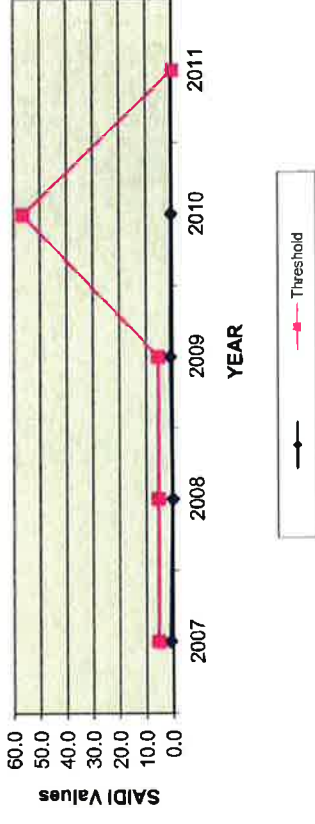
SAIDI Values For VALE15



SAIDI Values For WESR13

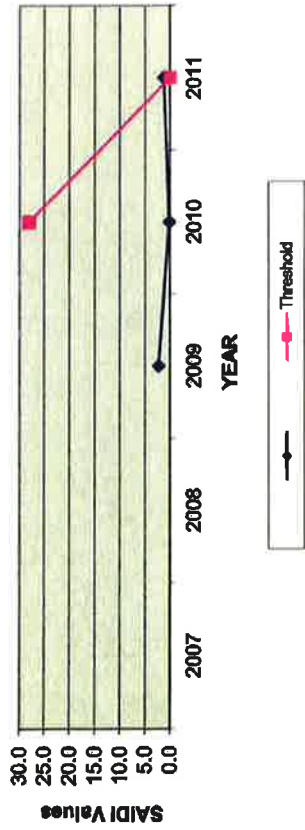


SAIDI Values For WESR14

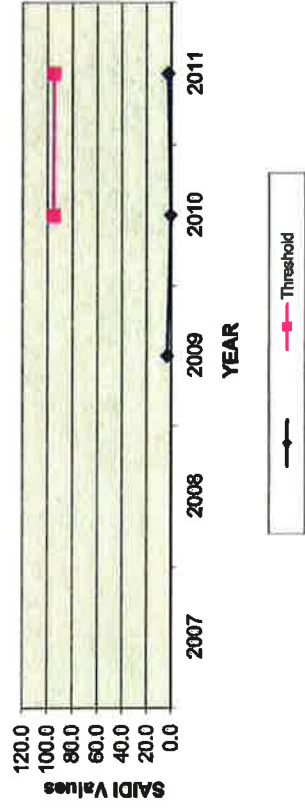


CHARTS - Circuit SAIDI Values

SAIDI Values For ADRN11

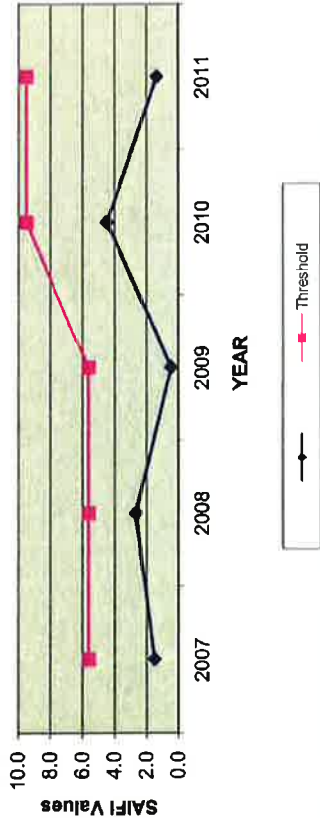


SAIDI Values For ADRN12

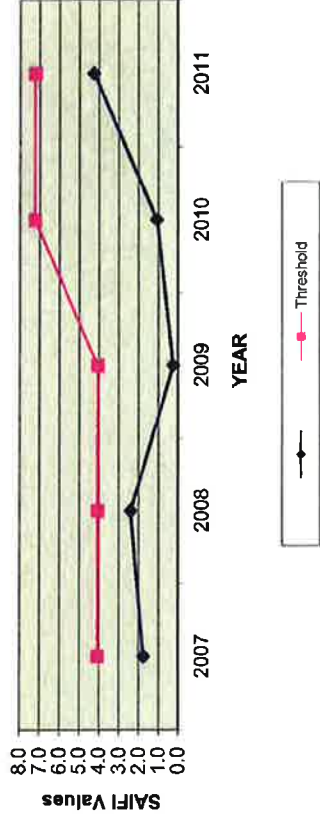


CHARTS - Circuit SAIFI Values

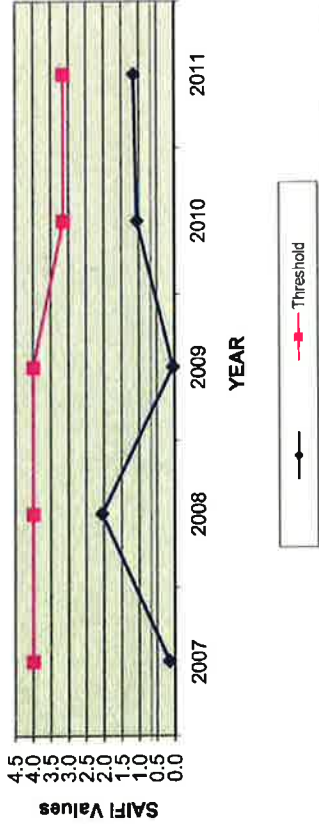
SAIFI Values For CARO11



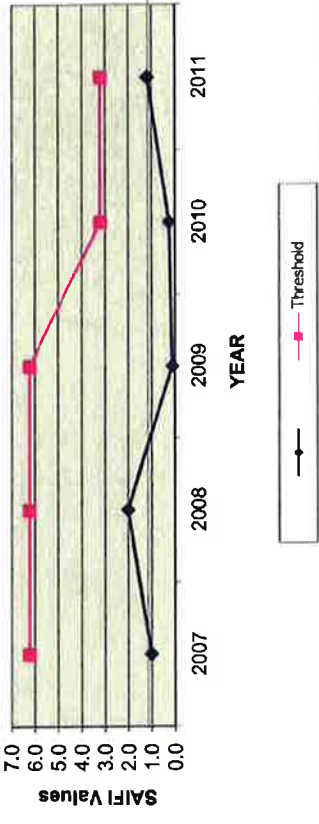
SAIFI Values For CARO12



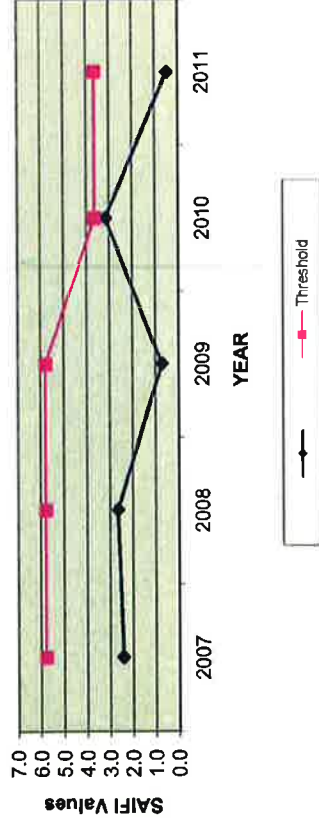
SAIFI Values For CARO13



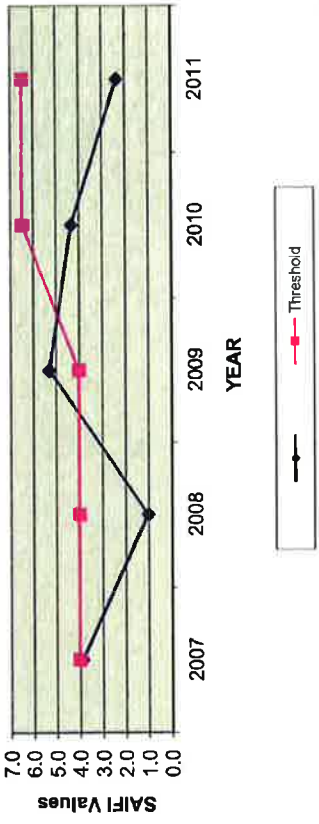
SAIFI Values For CWVY11



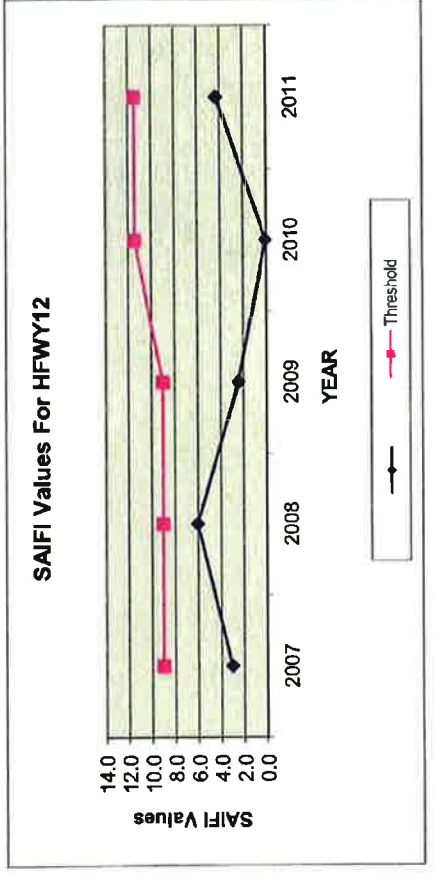
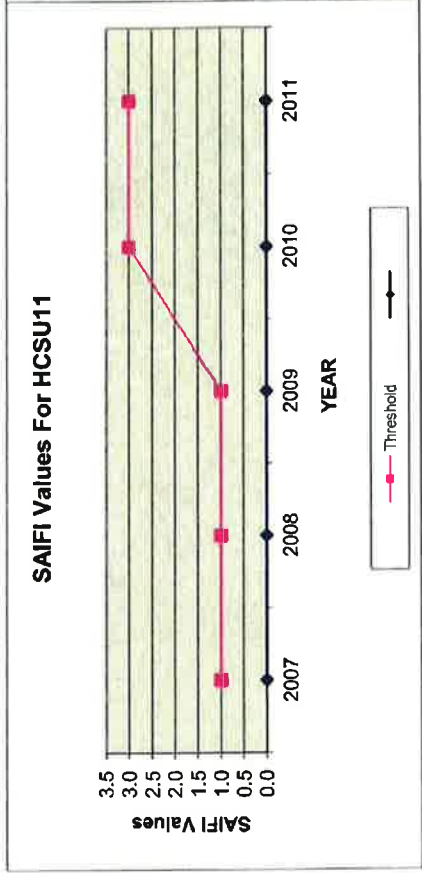
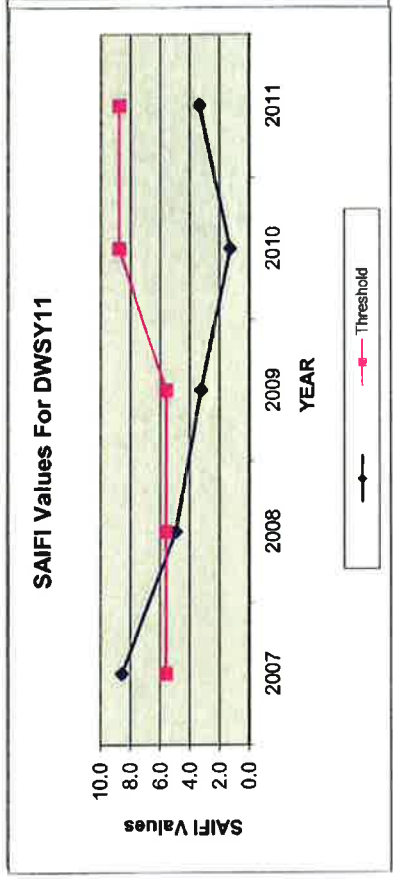
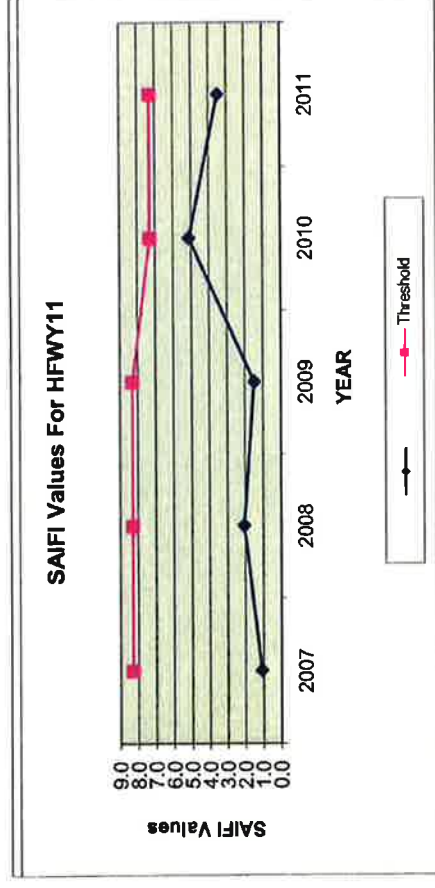
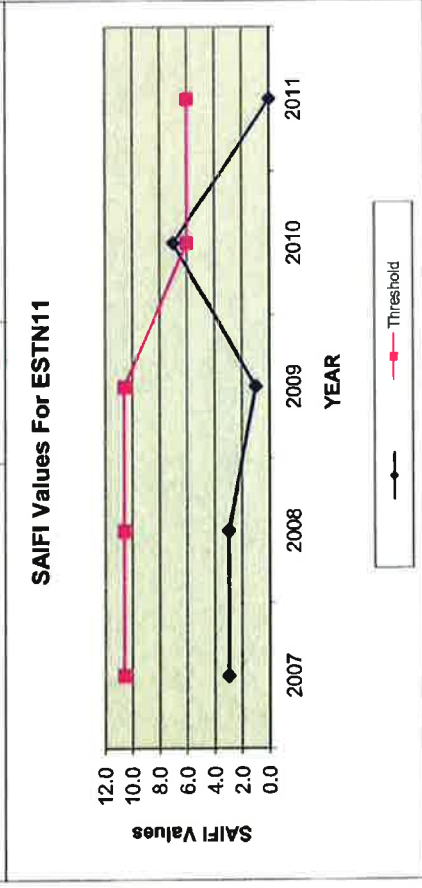
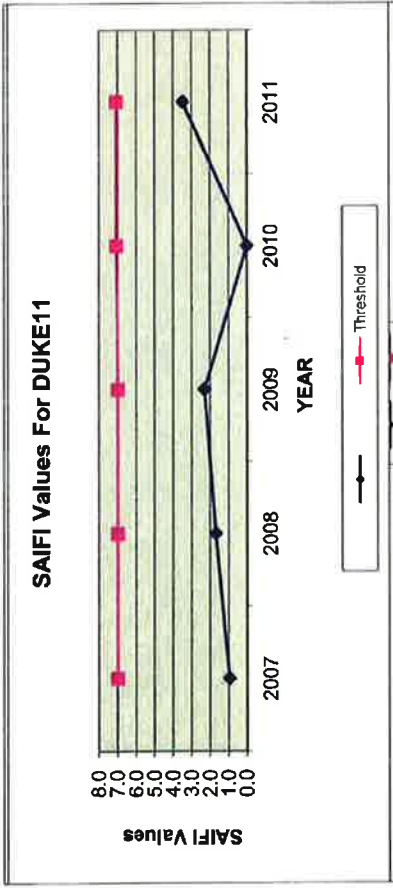
SAIFI Values For CWVY12



SAIFI Values For DRKE11

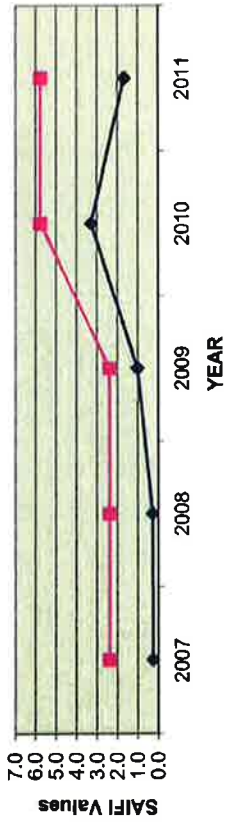


CHARTS - Circuit SAIFI Values

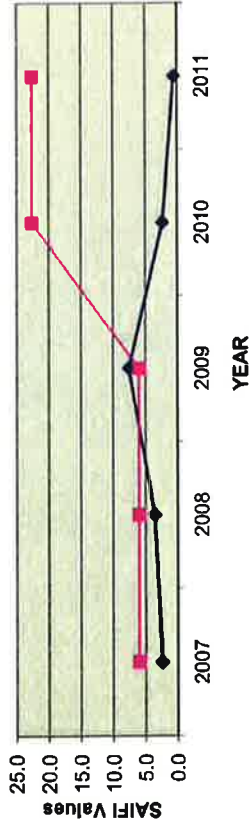


CHARTS - Circuit SAIFI Values

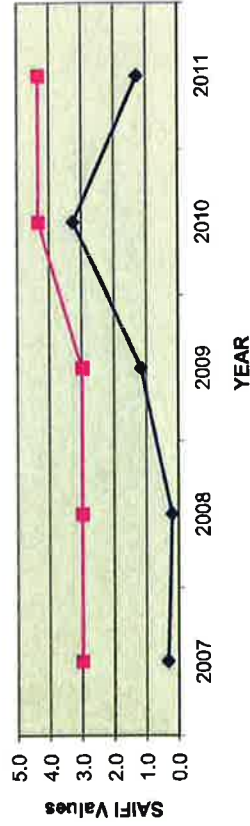
SAIFI Values For HGTM11



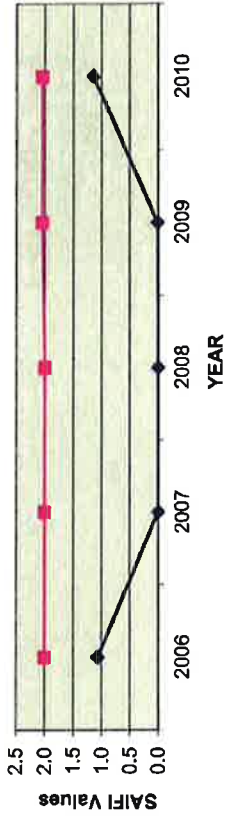
SAIFI Values For HMDL12



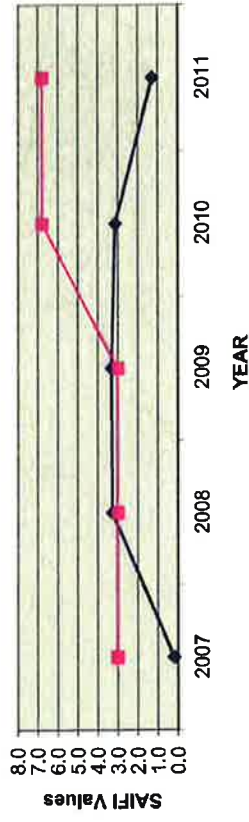
SAIFI Values For HOLY12



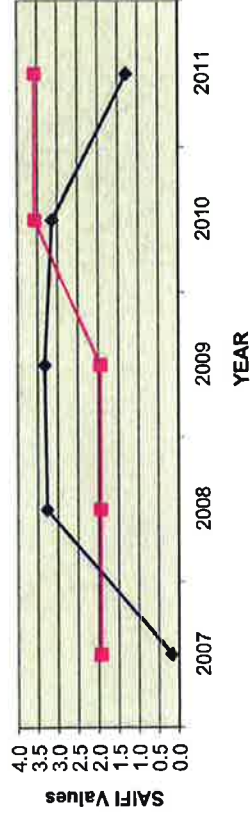
SAIFI Values For HGTM12



SAIFI Values For HOLY11

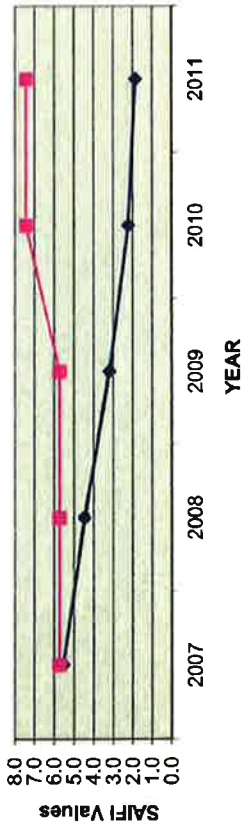


SAIFI Values For HOLY13

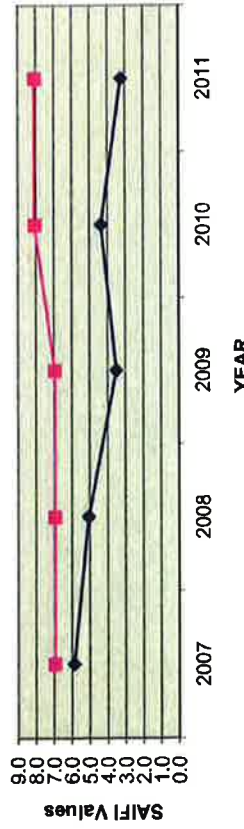


CHARTS - Circuit SAIFI Values

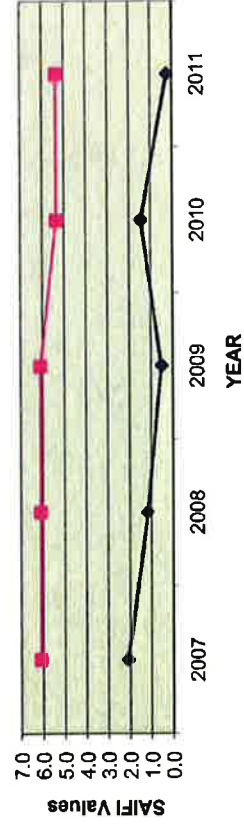
SAIFI Values For HOPE11



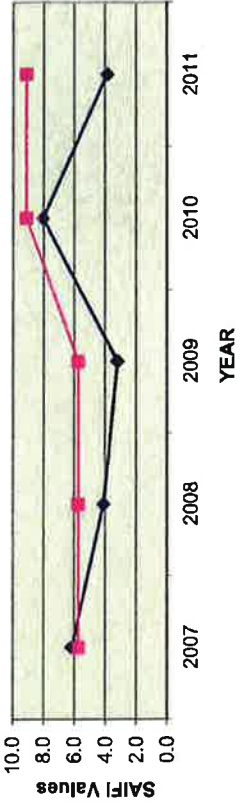
SAIFI Values For HRPR12



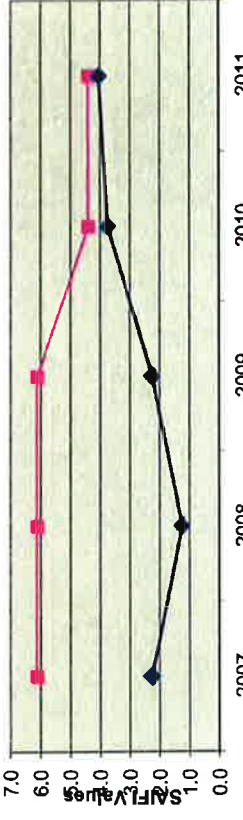
SAIFI Values For JMSN12



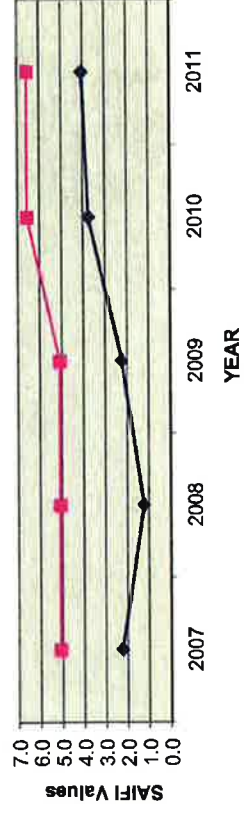
SAIFI Values For HRPR11



SAIFI Values For JMSN11

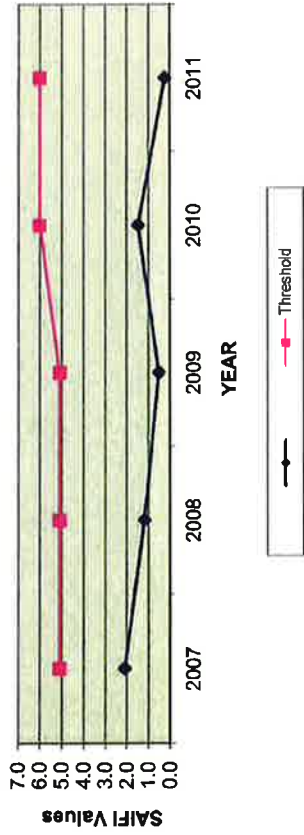


SAIFI Values For JNTA11

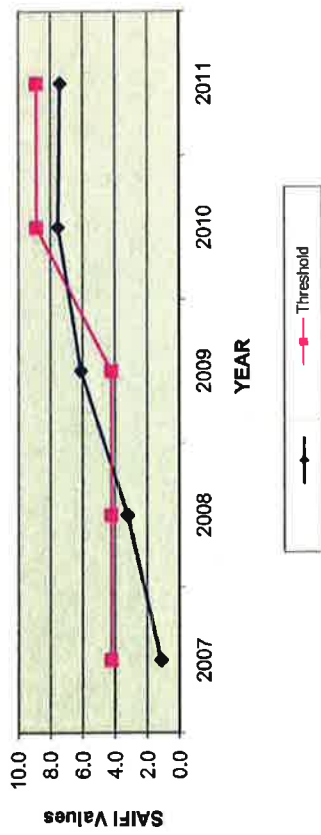


CHARTS - Circuit SAIFI Values

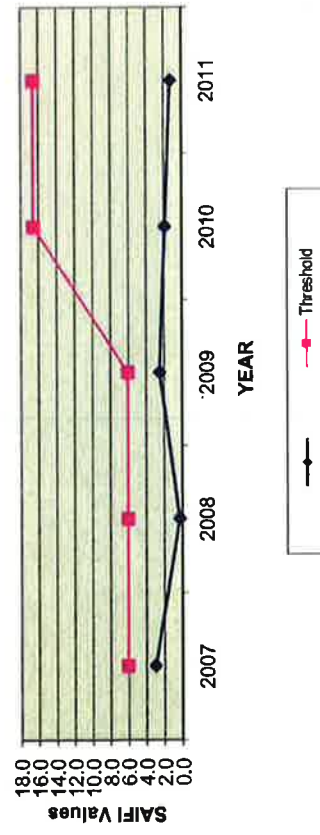
SAIFI Values For JNTA12



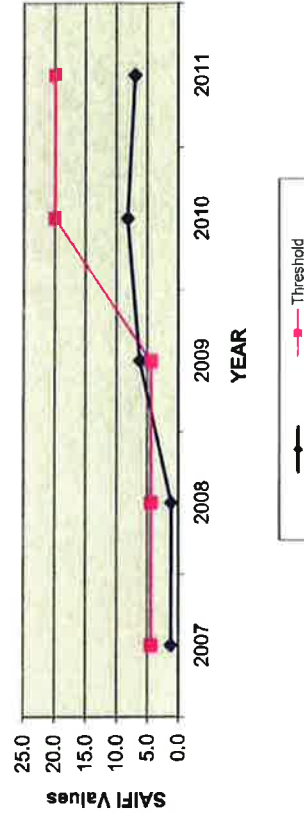
SAIFI Values For JNVY12



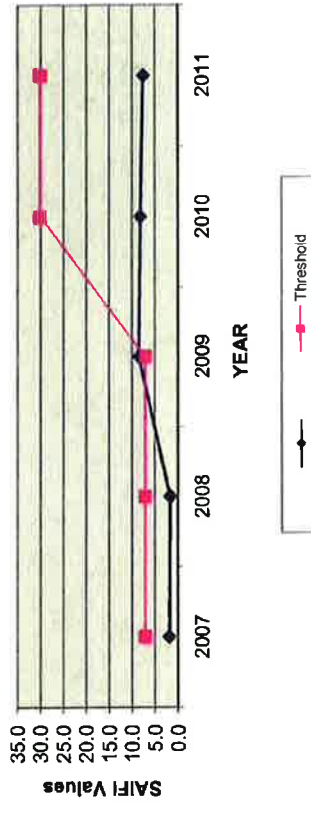
SAIFI Values For LIME11



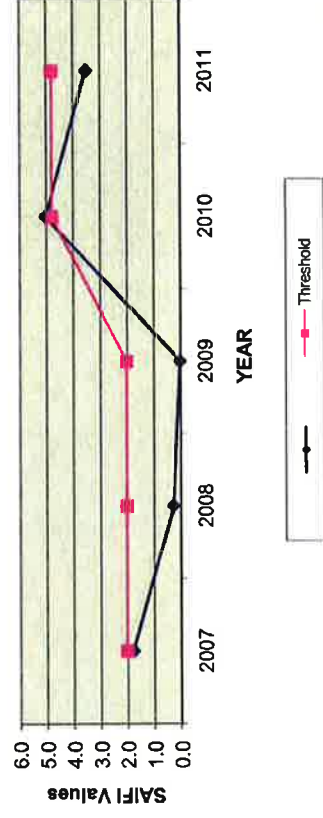
SAIFI Values For JNVY11



SAIFI Values For JNVY31

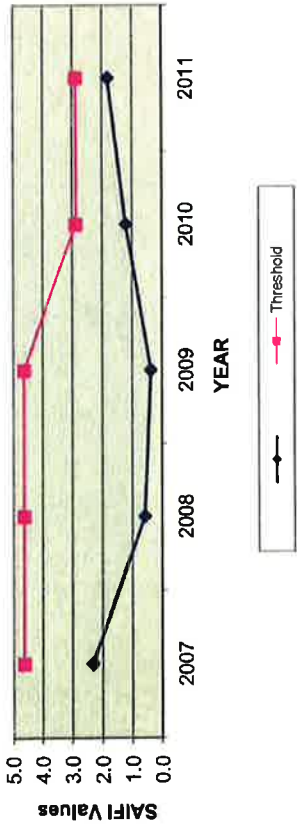


SAIFI Values For LIME12

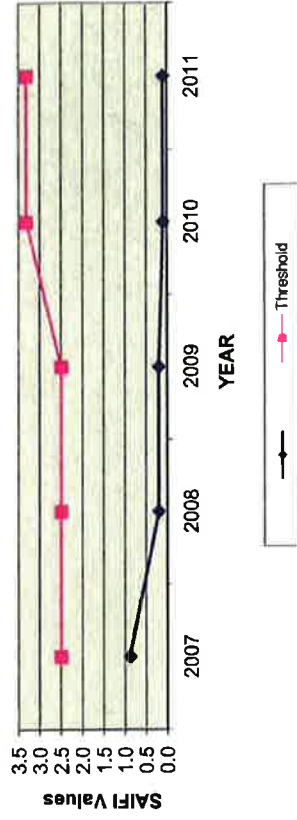


CHARTS - Circuit SAIIFI Values

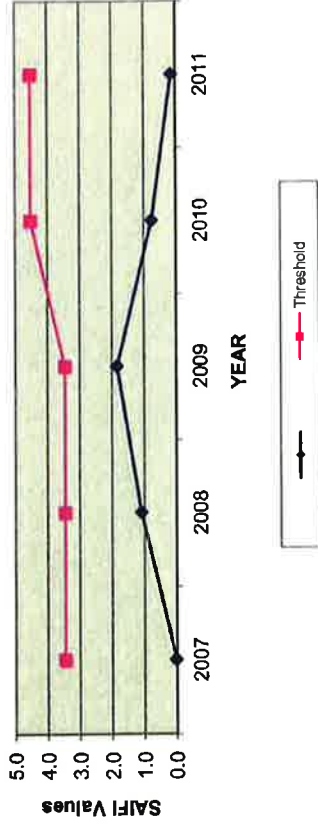
SAIFI Values For MRBT41



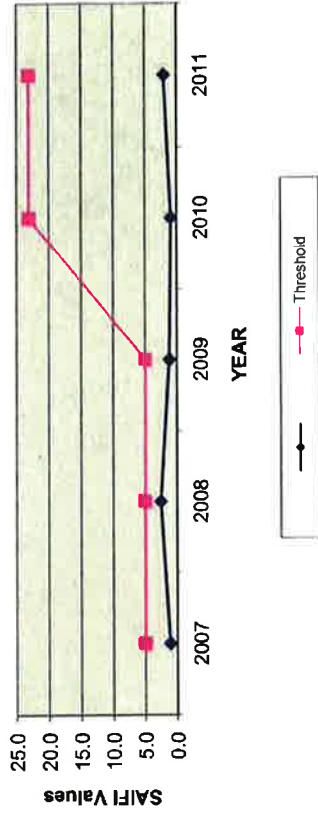
SAIFI Values For MRBT42



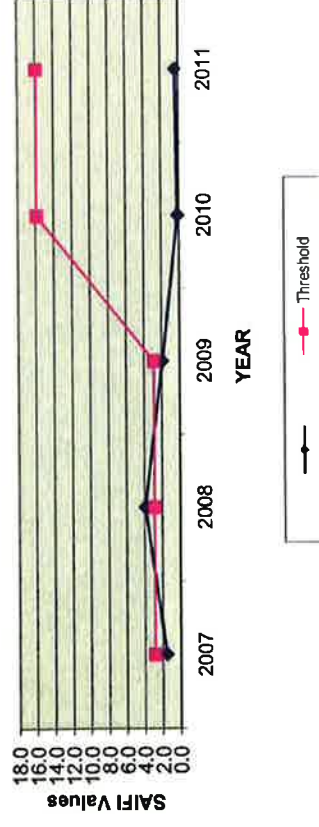
SAIFI Values For NYSA11



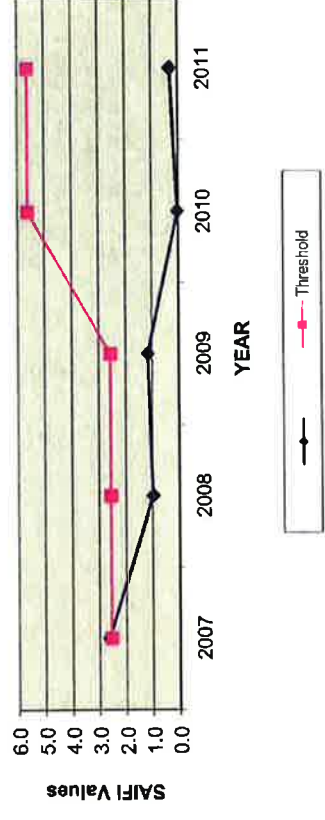
SAIFI Values For NYSA12



SAIFI Values For NYSA13

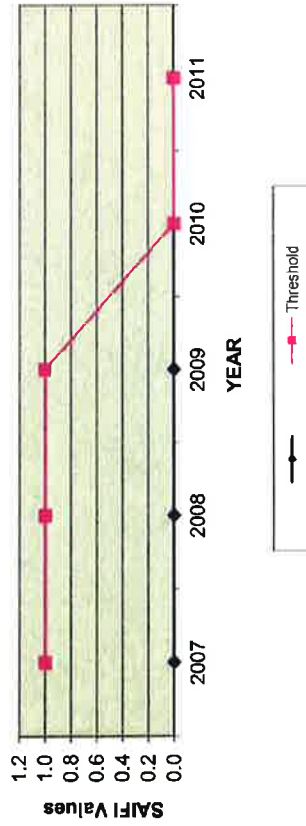


SAIFI Values For NYSA14

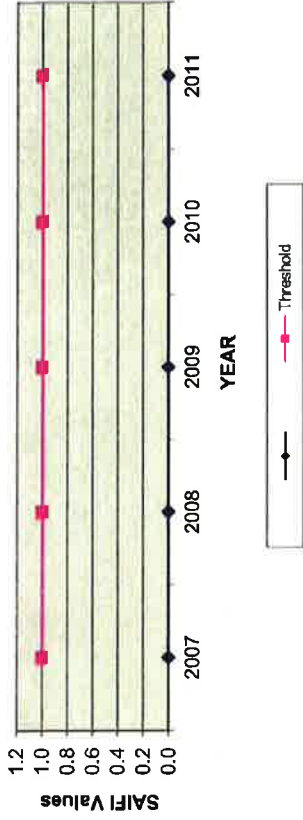


CHARTS - Circuit SAIFI Values

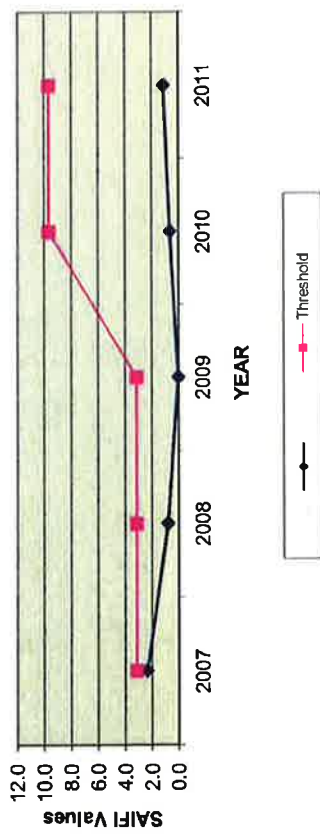
SAIFI Values For OBPR11



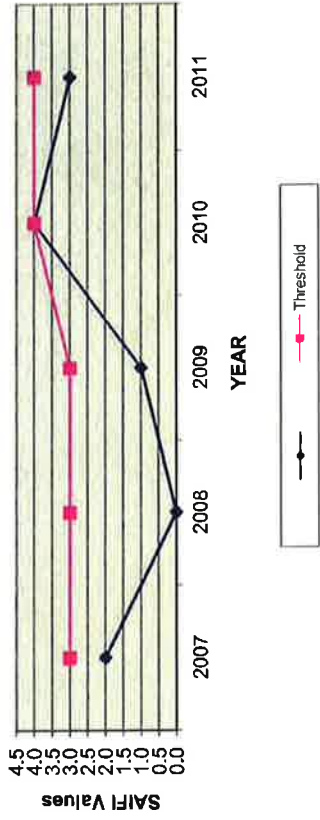
SAIFI Values For OBPR12



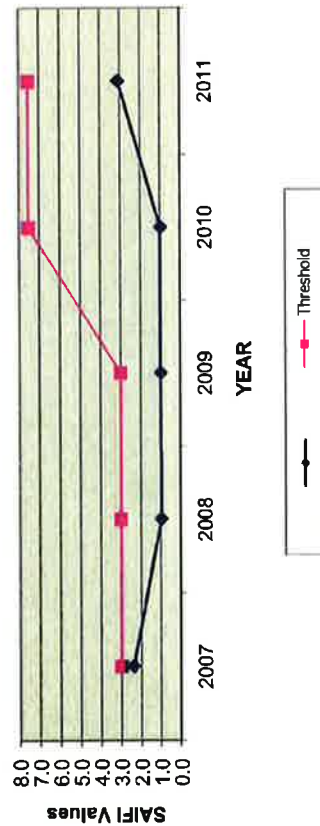
SAIFI Values For OIDA11



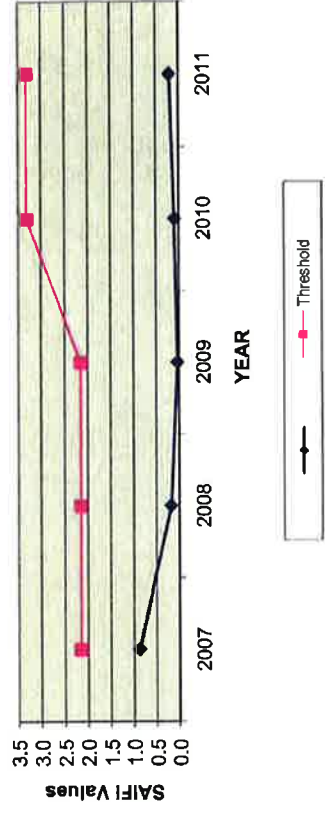
SAIFI Values For OIDA12



SAIFI Values For ONTO14

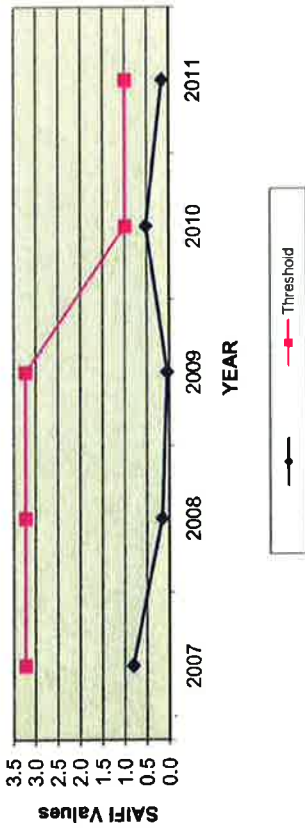


SAIFI Values For ONTO18

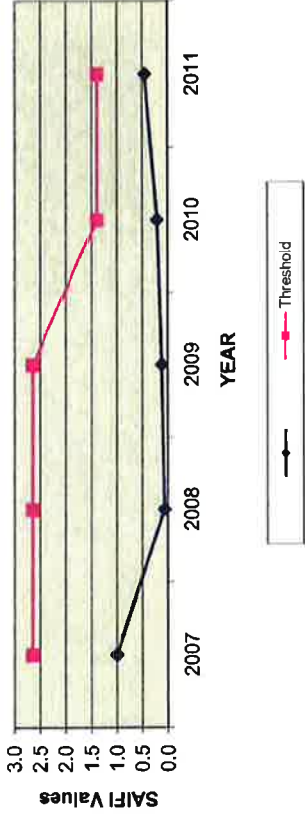


CHARTS - Circuit SAIFI Values

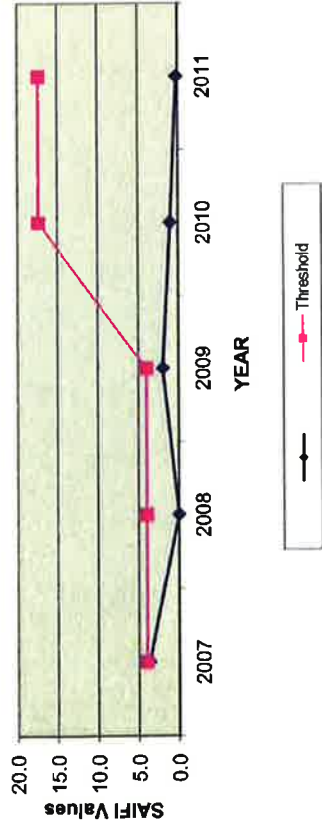
SAIFI Values For ONTO19



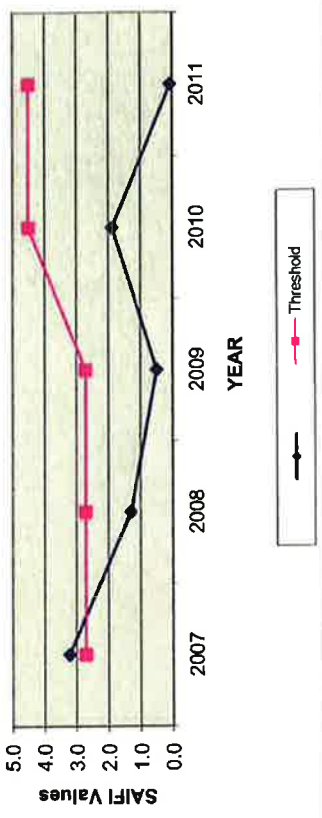
SAIFI Values For ONTO20



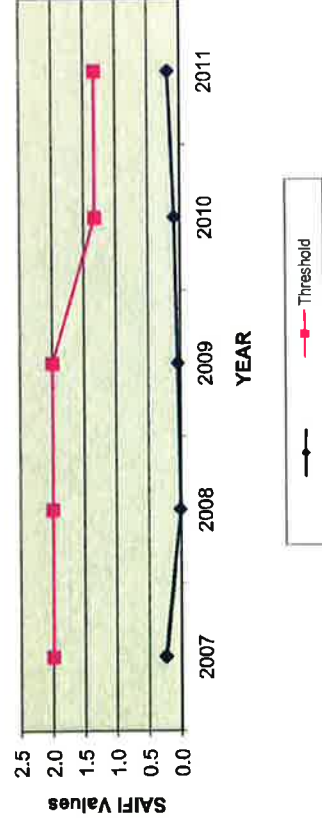
SAIFI Values For ONTO23



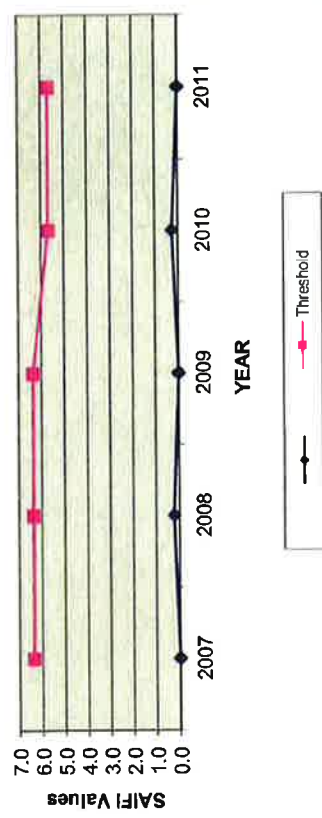
SAIFI Values For ONTO24



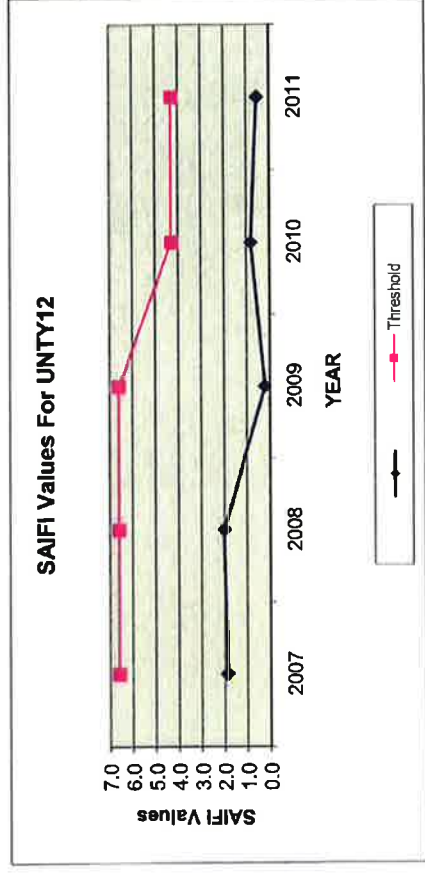
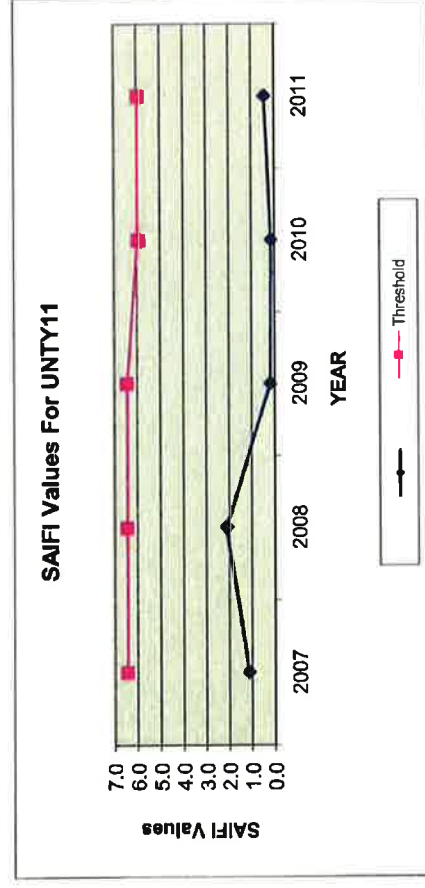
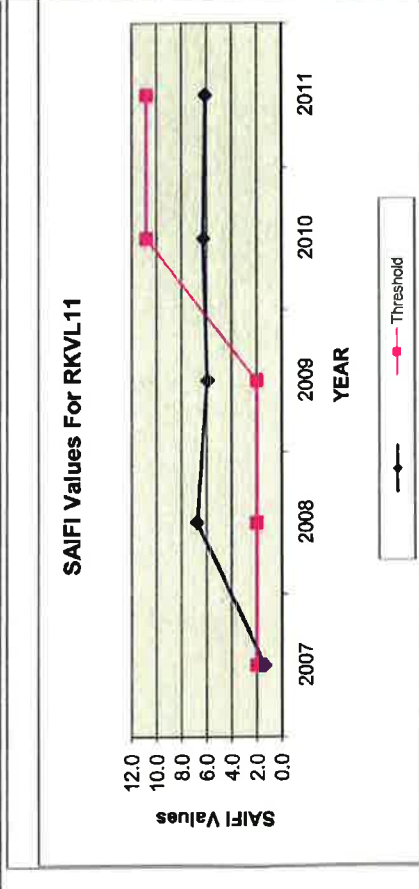
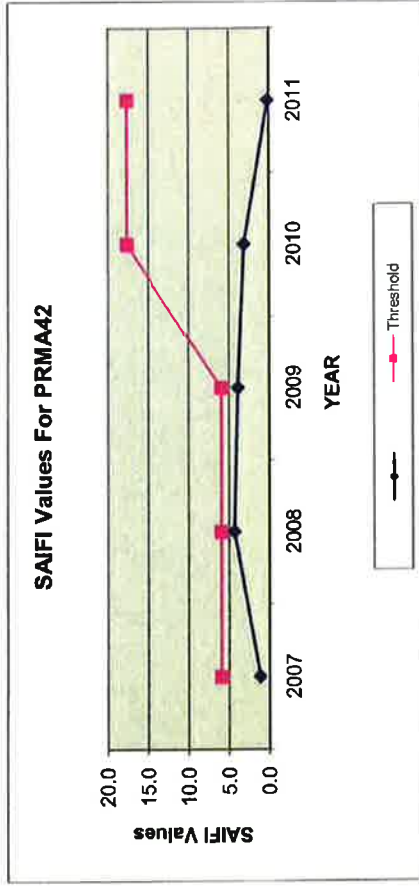
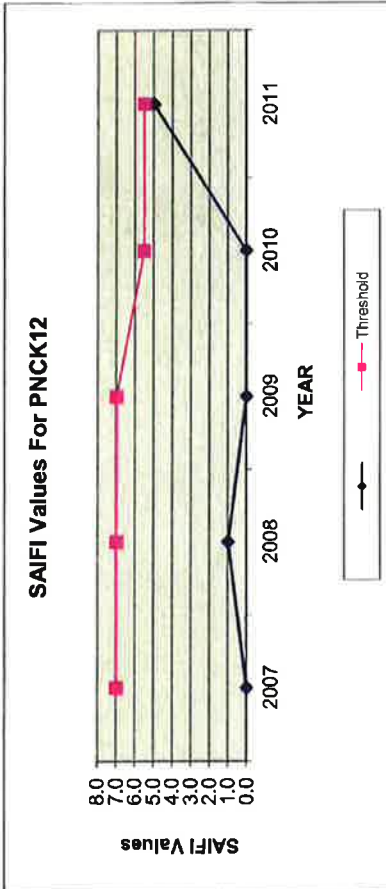
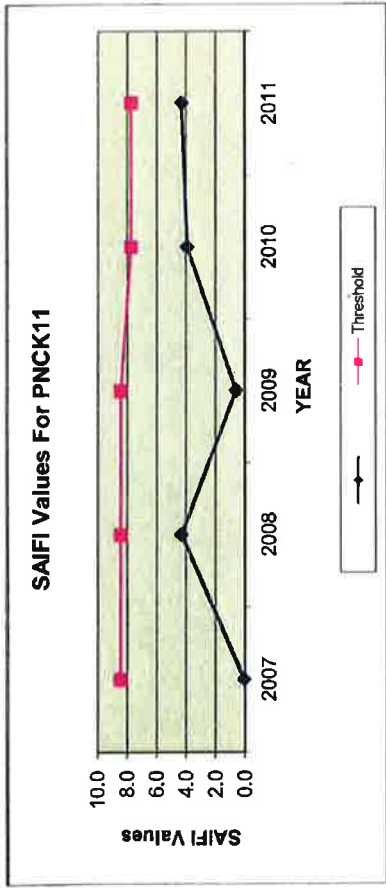
SAIFI Values For ONTO25



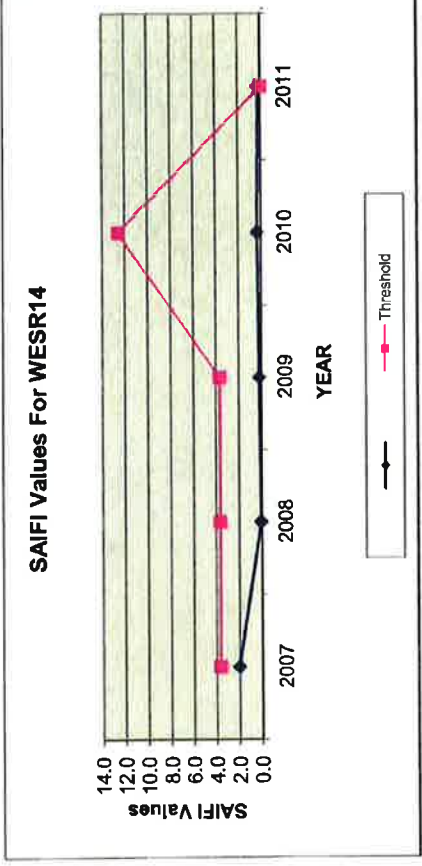
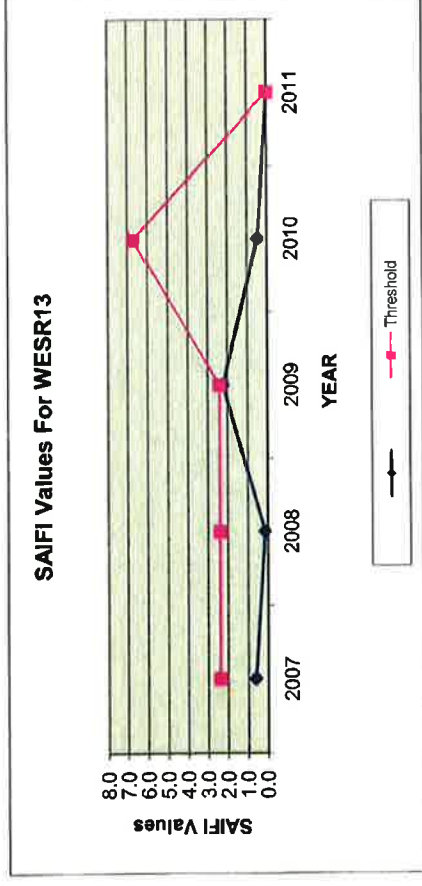
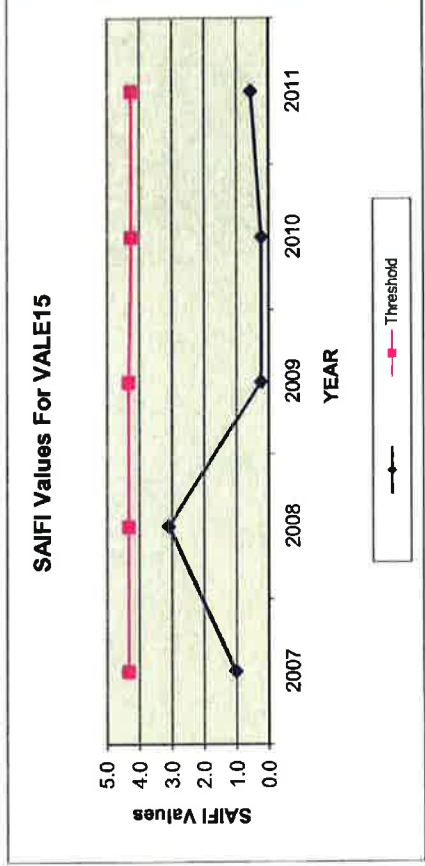
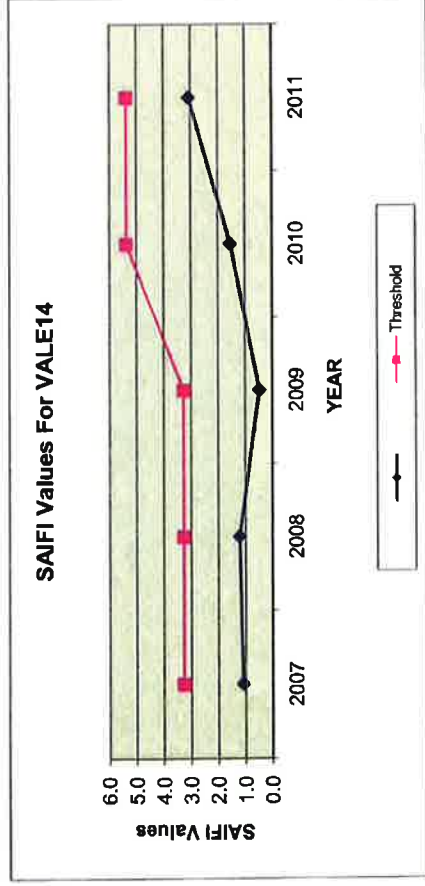
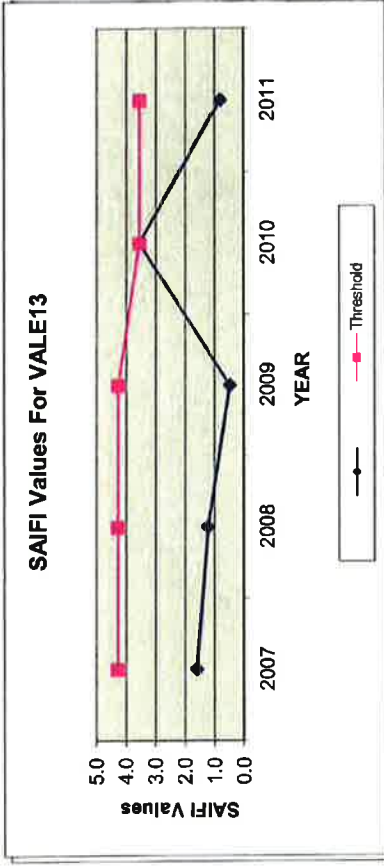
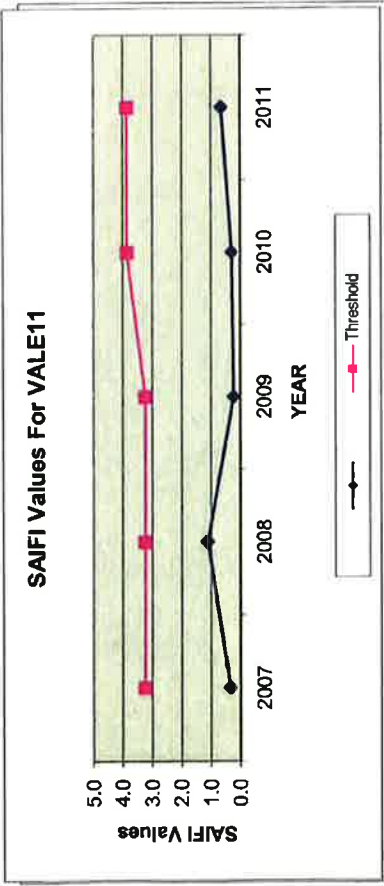
SAIFI Values For OYDIM11



CHARTS - Circuit SAI FI Values

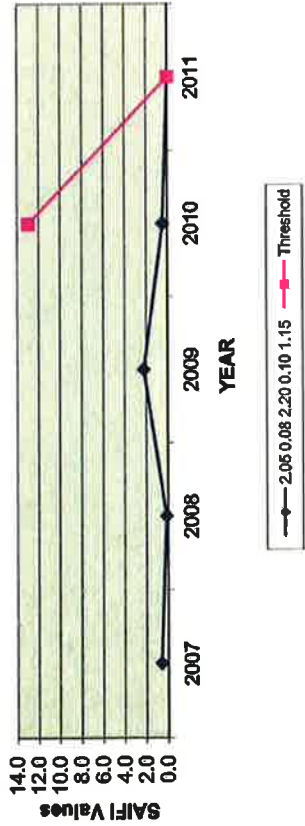


CHARTS - Circuit SAIIFI Values

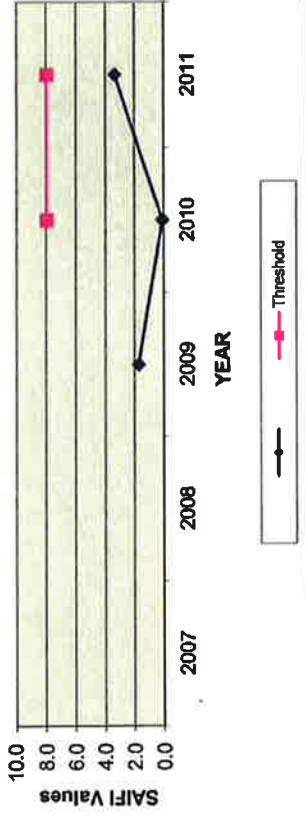


CHARTS - Circuit SAIFI Values

SAIFI Values For ADRN11

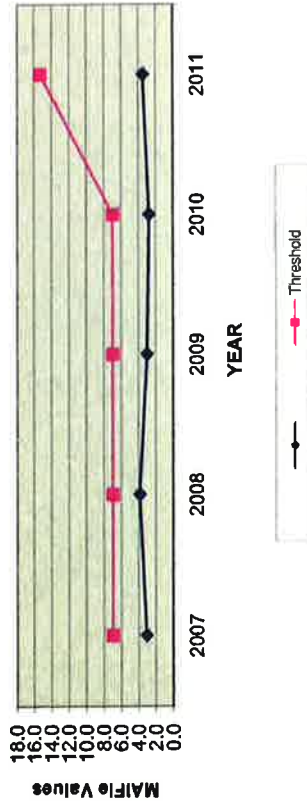


SAIFI Values For ADRN12

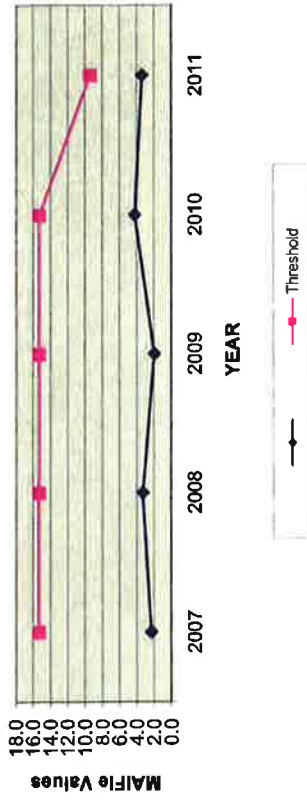


CHARTS - Circuit MAIFle Values

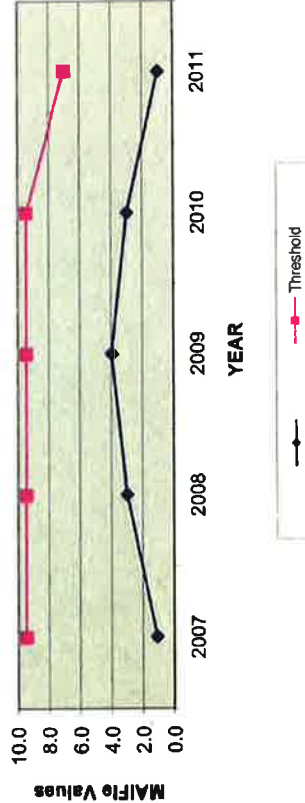
MAIFle Values For CARO11



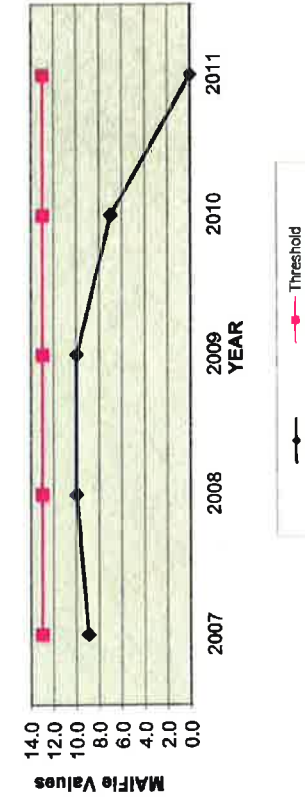
MAIFle Values For CARO12



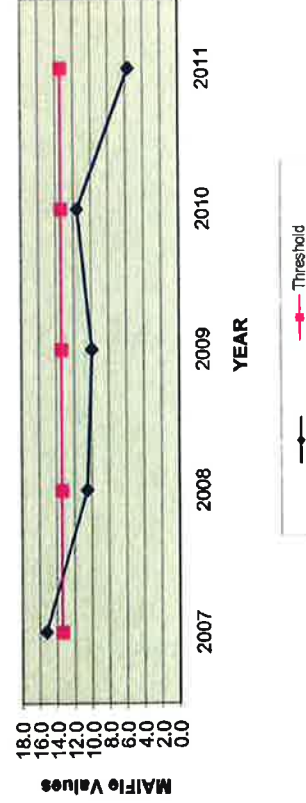
MAIFle Values For CARO13



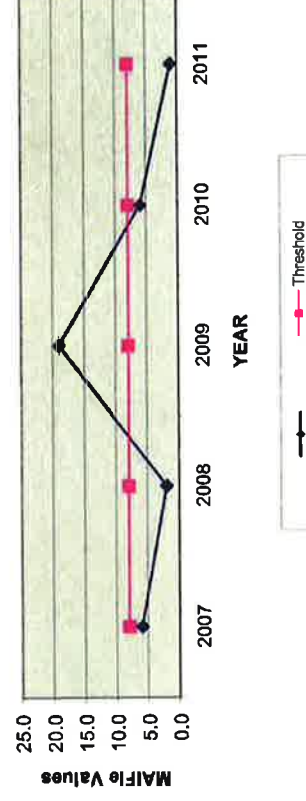
MAIFle Values For CWVY11



MAIFle Values For CWVY12

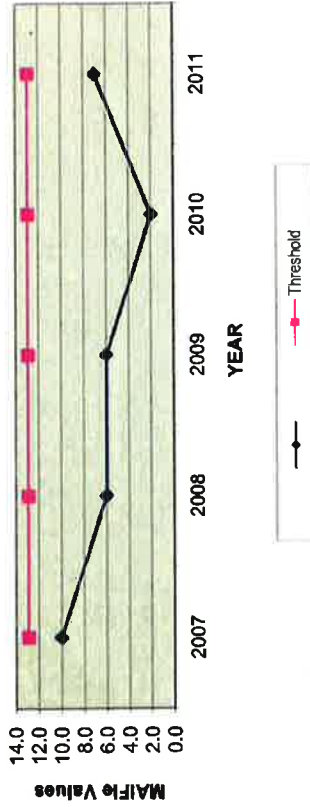


MAIFle Values For DRKE11

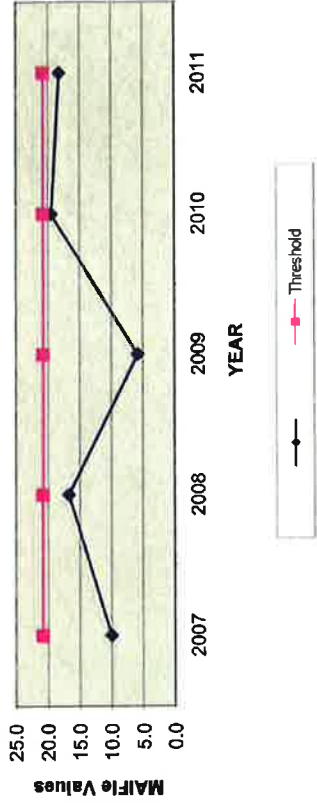


CHARTS - Circuit MAIFle Values

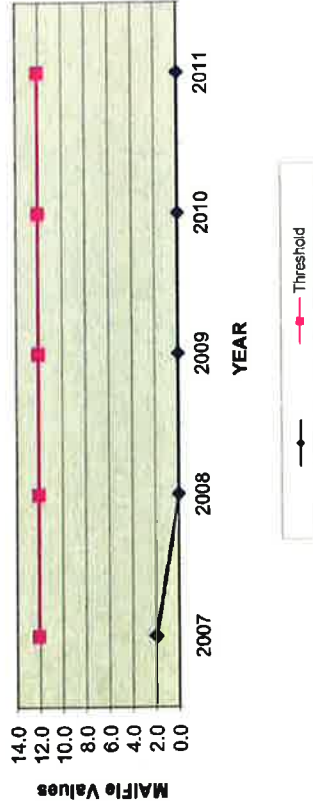
MAIFle Values For DUKE11



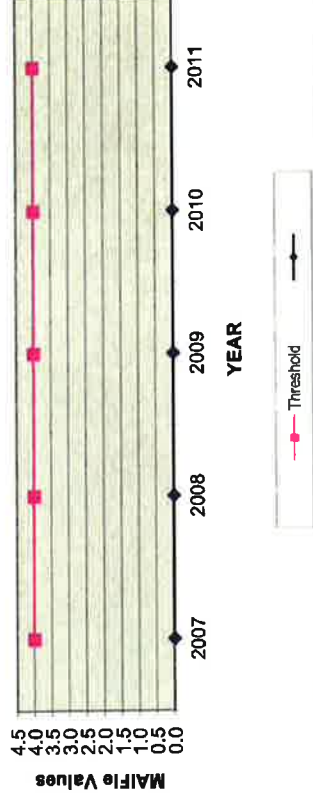
MAIFle Values For DWSY11



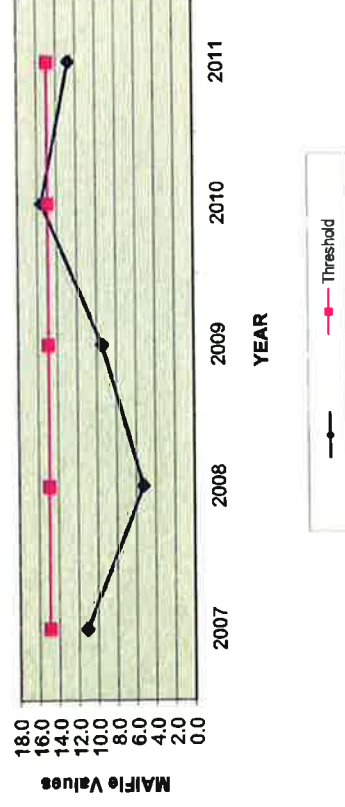
MAIFle Values For ESTN11



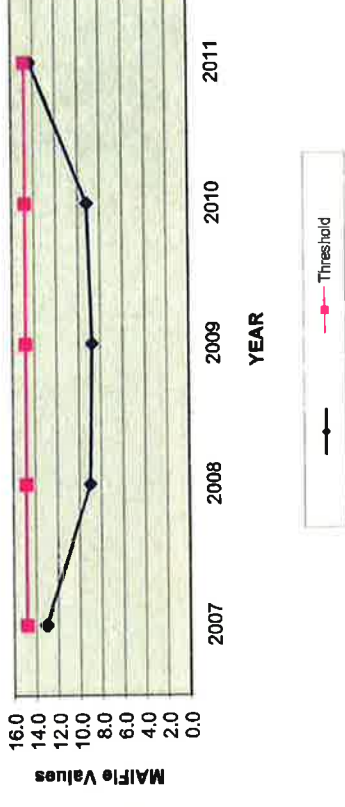
MAIFle Values For HCSU11



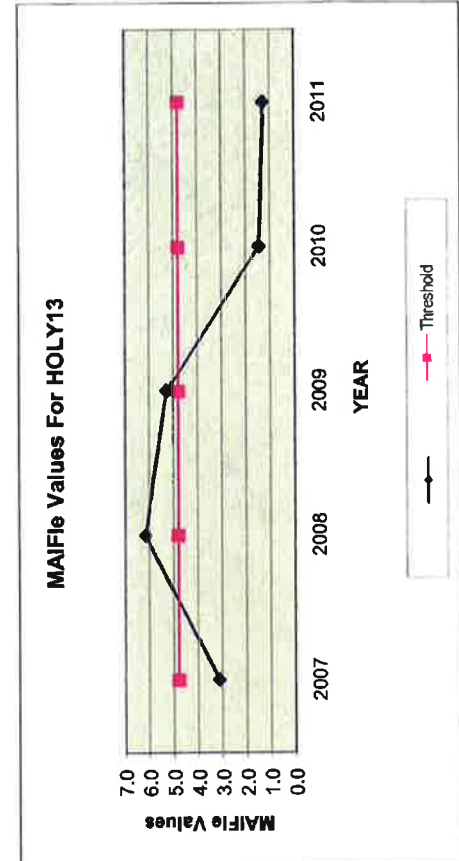
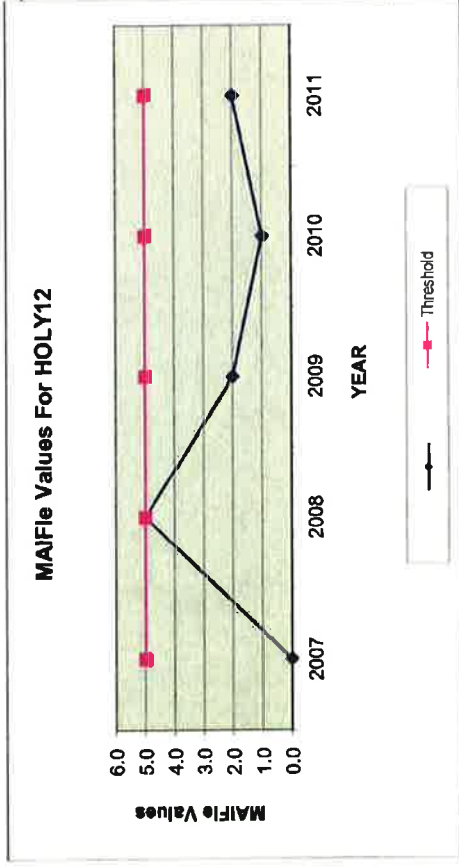
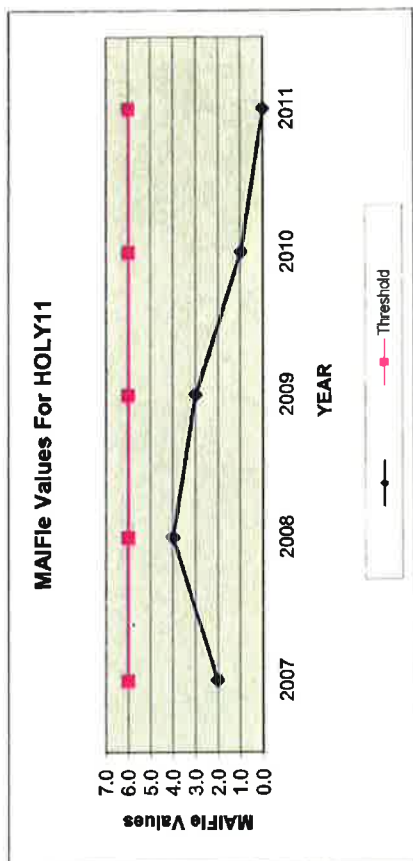
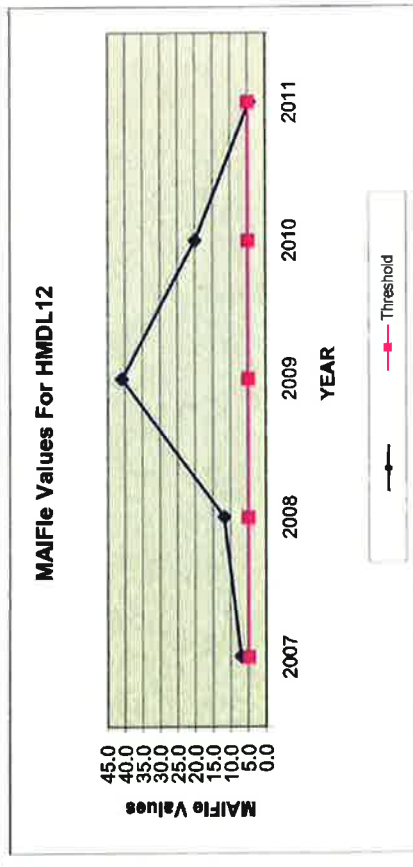
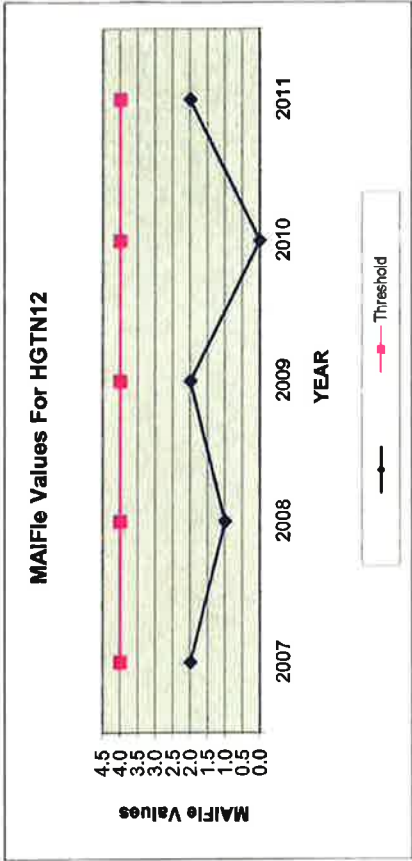
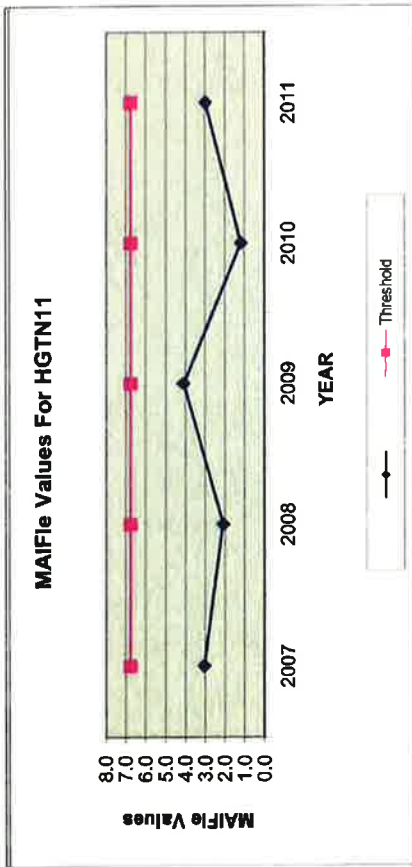
MAIFle Values For HFWY11



MAIFle Values For HFWY12

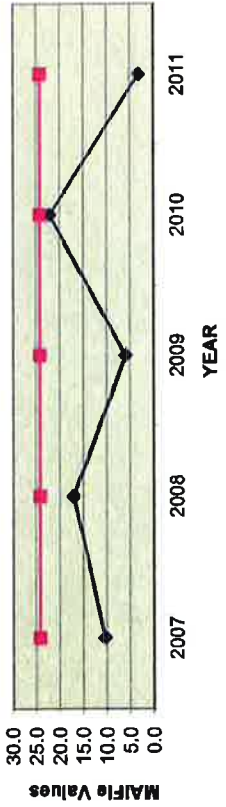


CHARTS - Circuit MAIFle Values

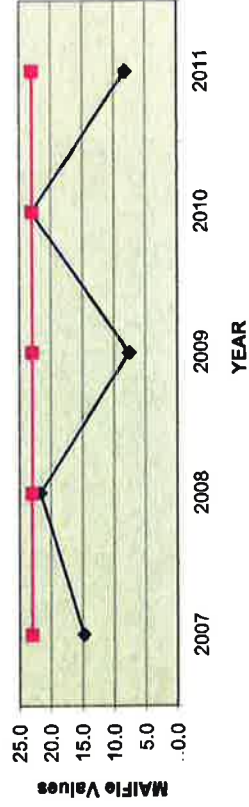


CHARTS - Circuit MAIFle Values

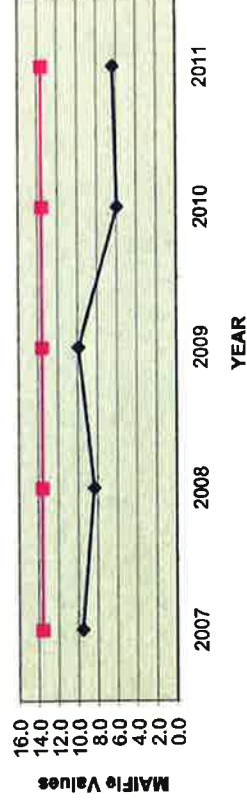
MAIFle Values For HOPE11



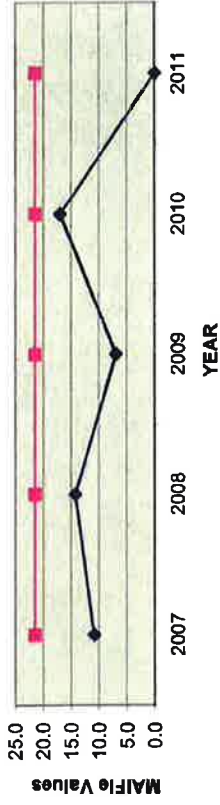
MAIFle Values For HRPR12



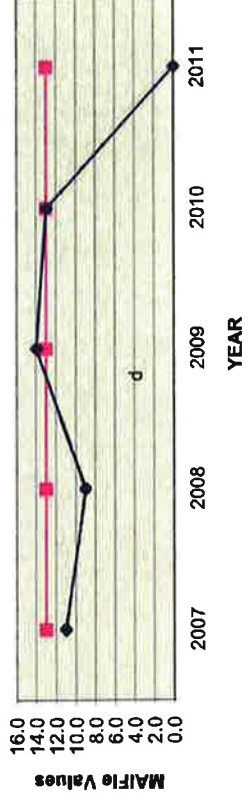
MAIFle Values For JMSN12



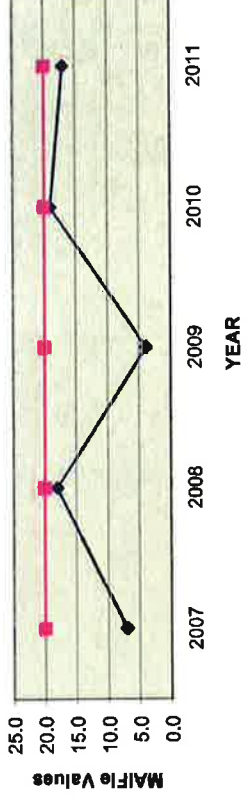
MAIFle Values For HRPR11



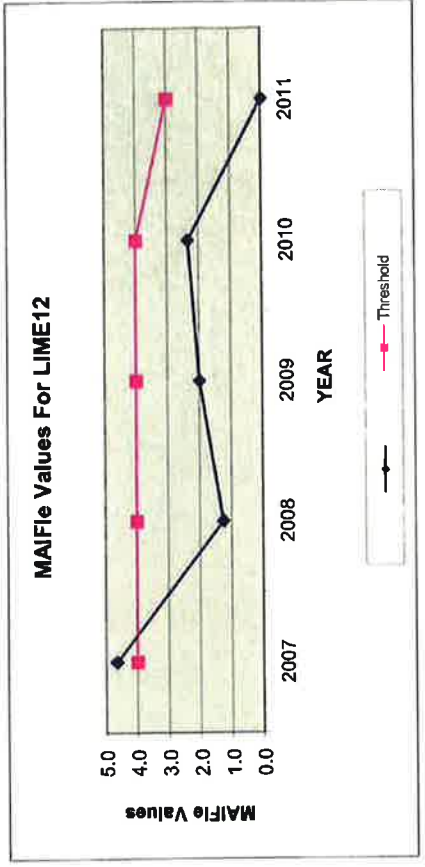
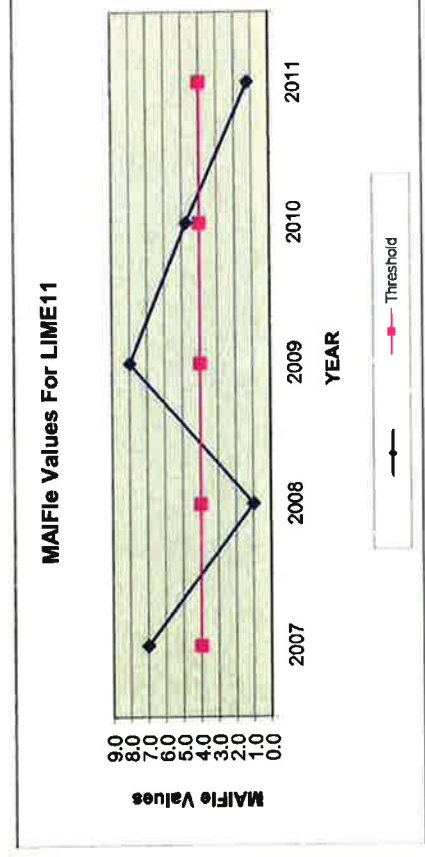
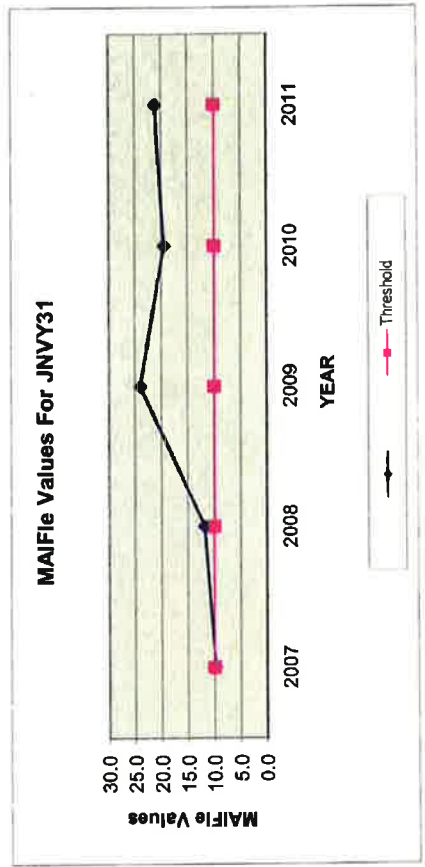
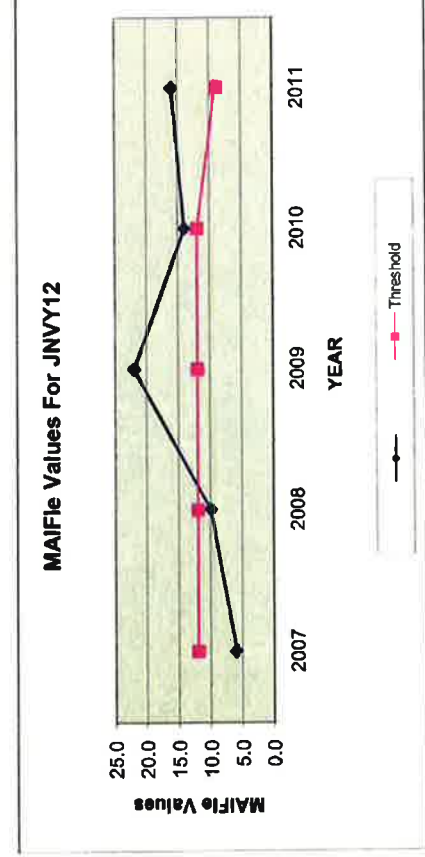
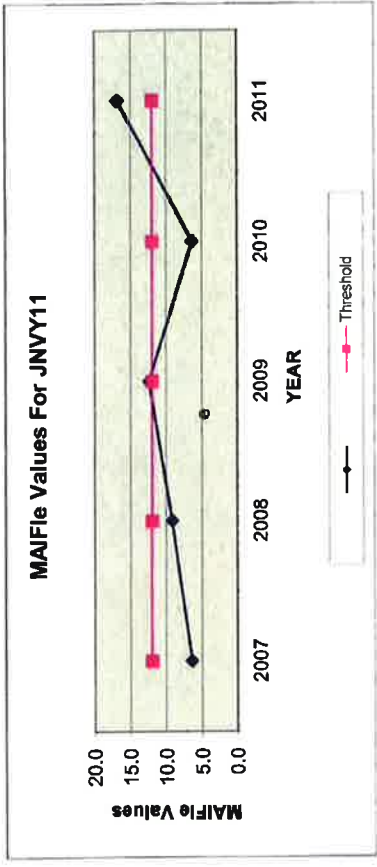
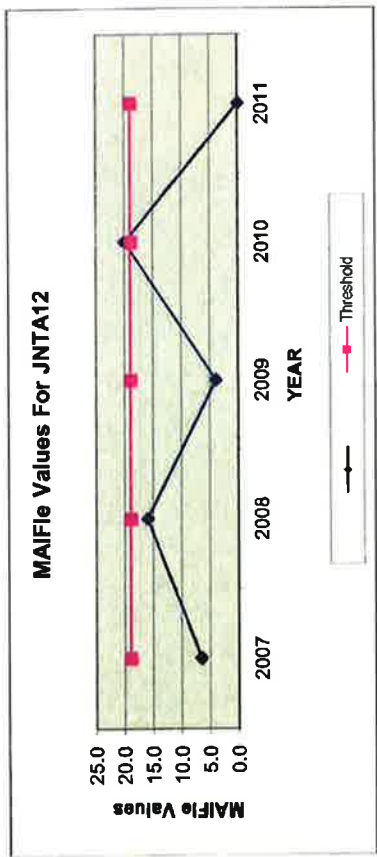
MAIFle Values For JMSN11



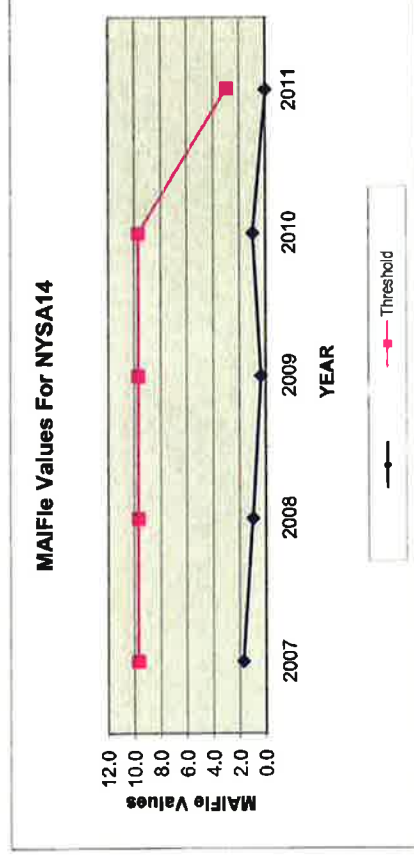
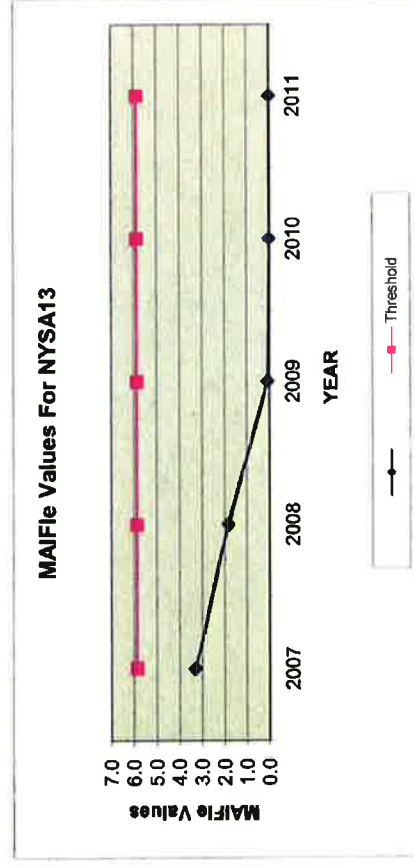
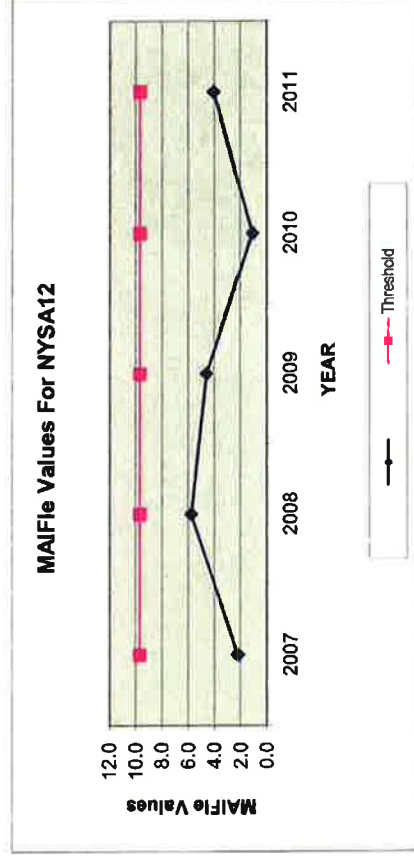
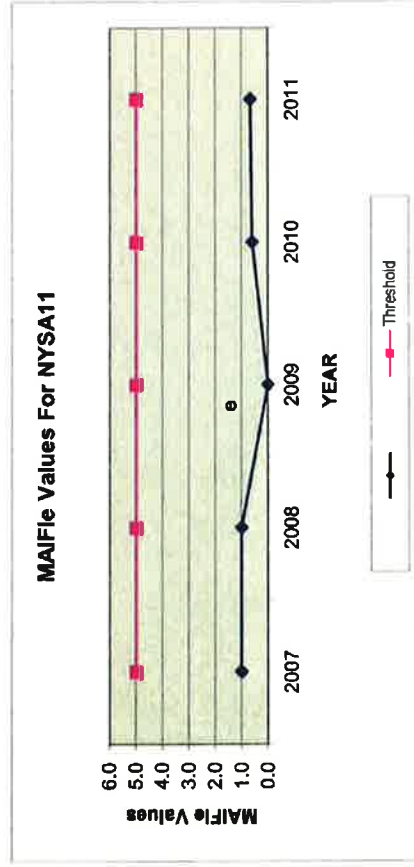
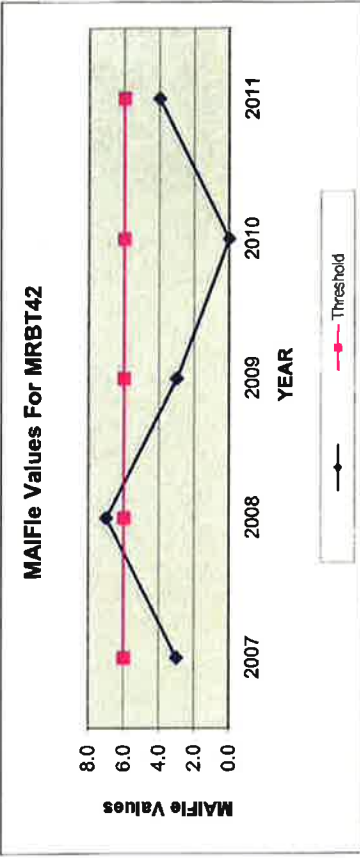
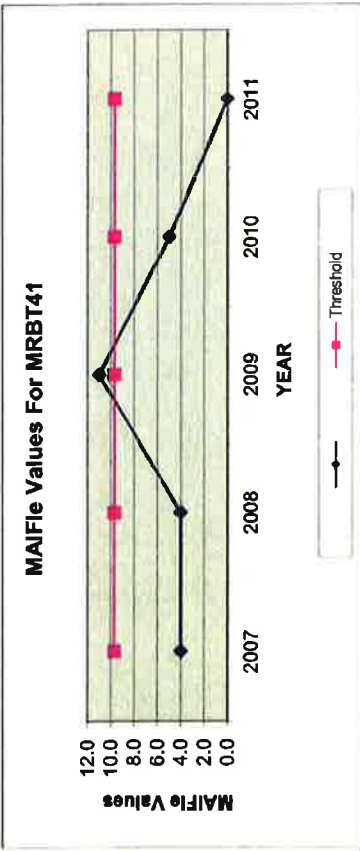
MAIFle Values For JNTA11



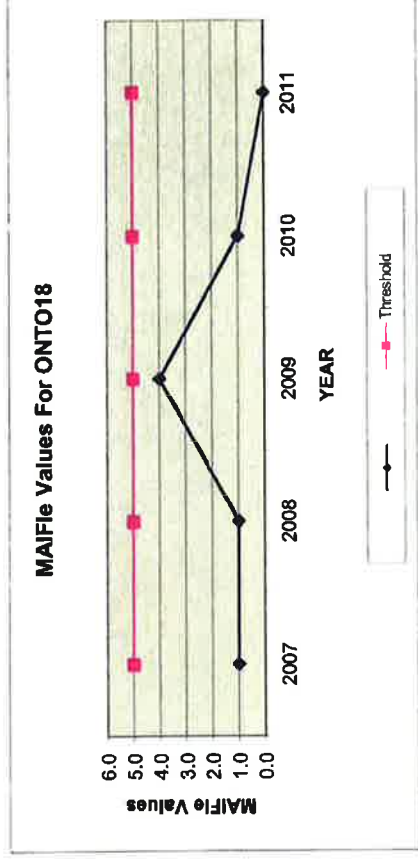
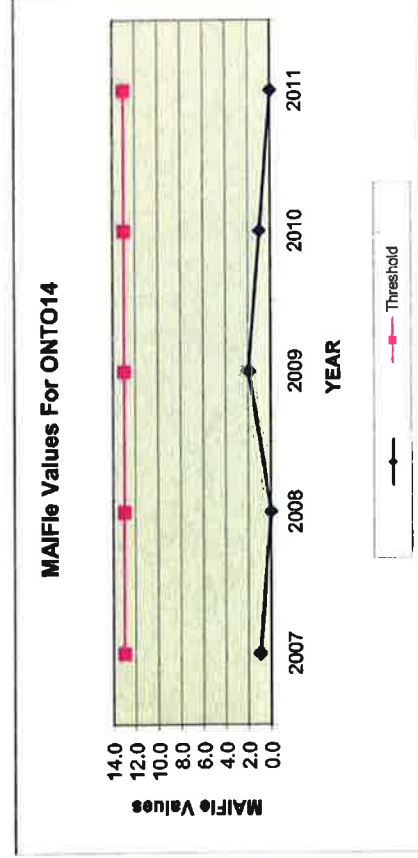
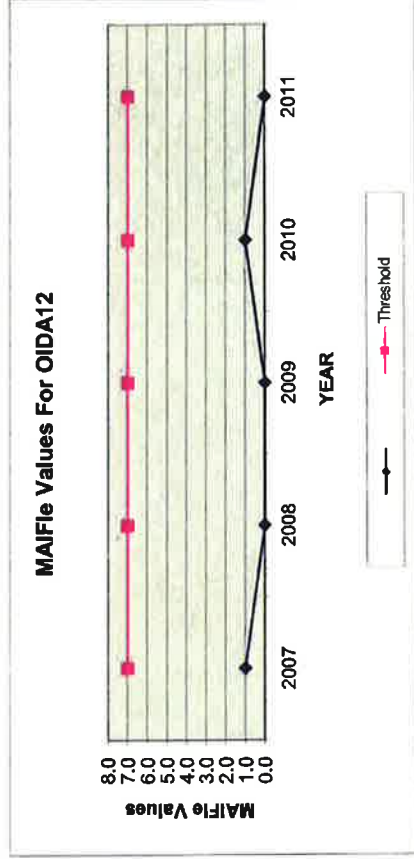
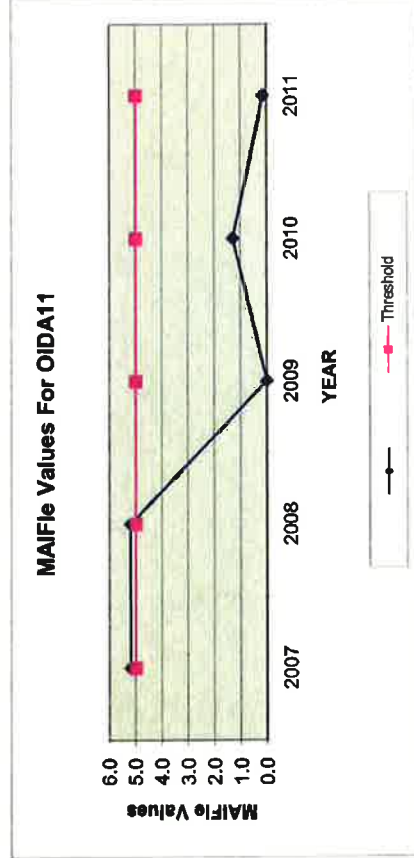
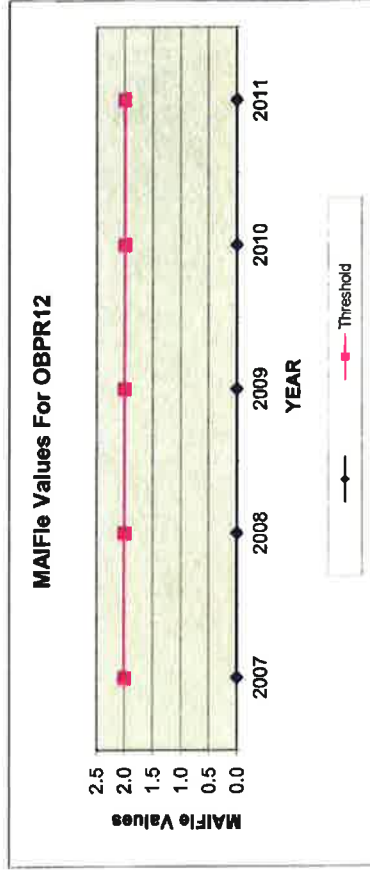
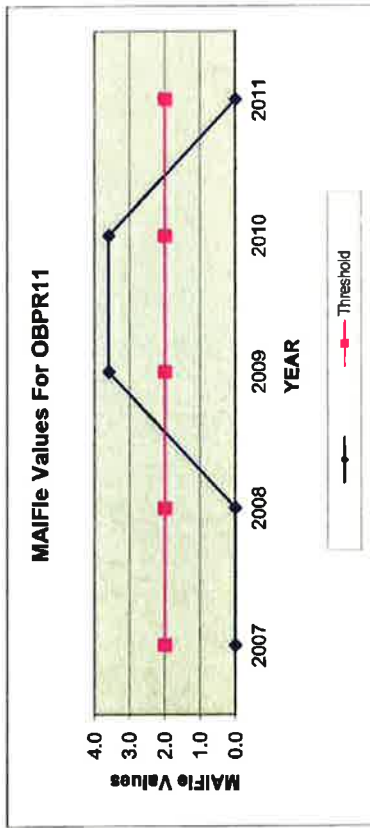
CHARTS - Circuit MAIFie Values



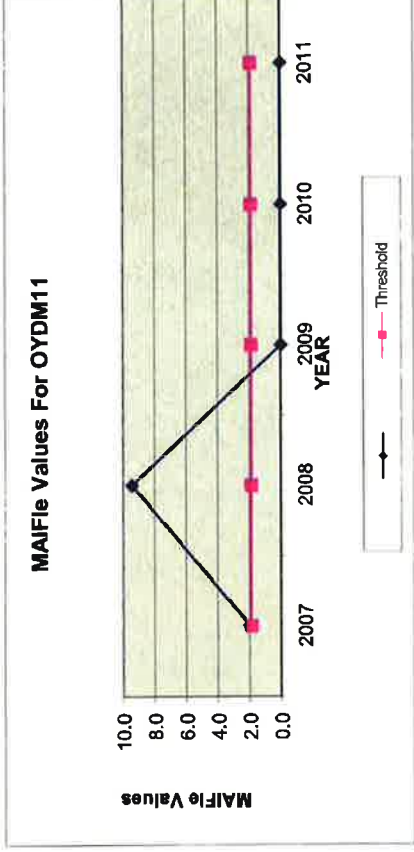
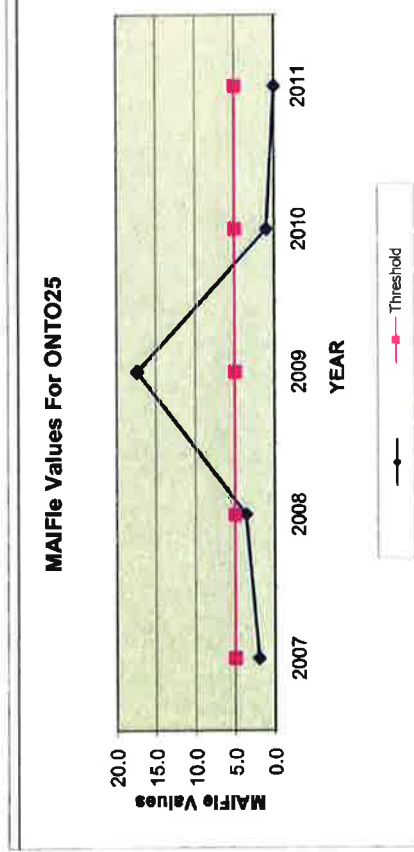
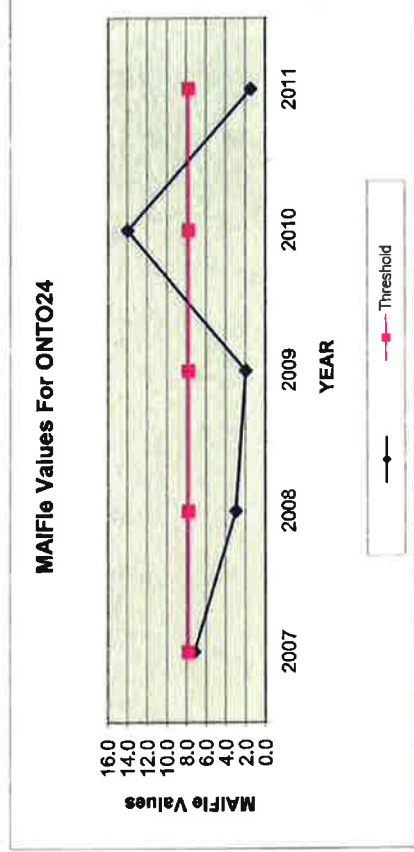
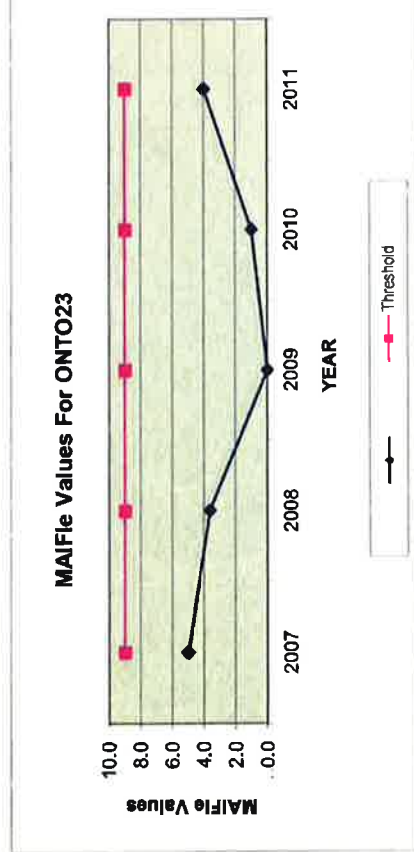
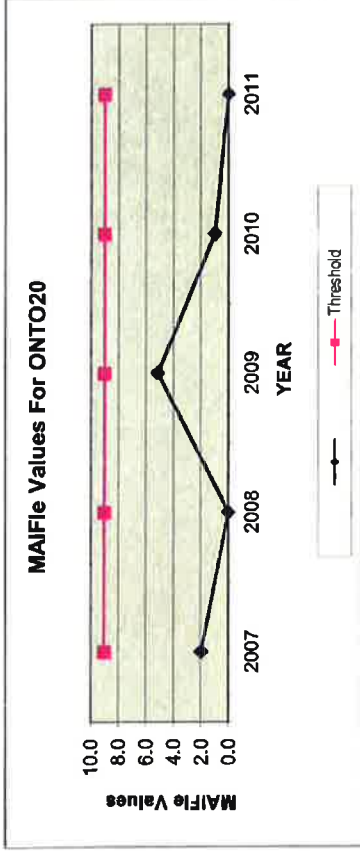
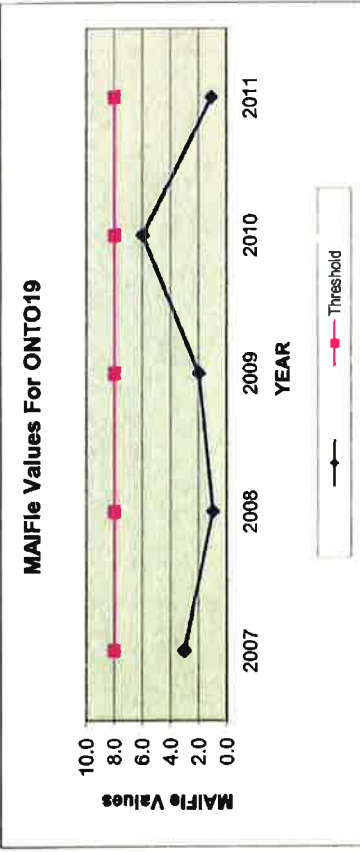
CHARTS - Circuit MAIFle Values



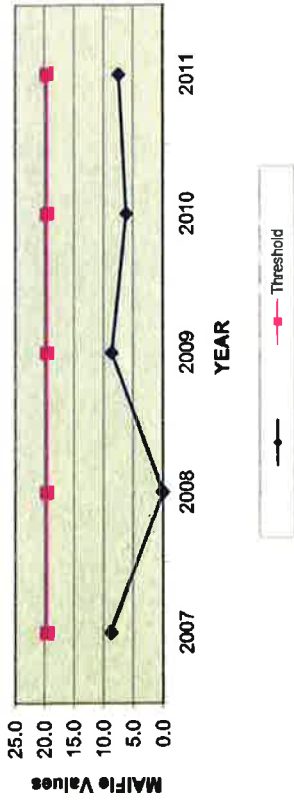
CHARTS - Circuit MAIFle Values



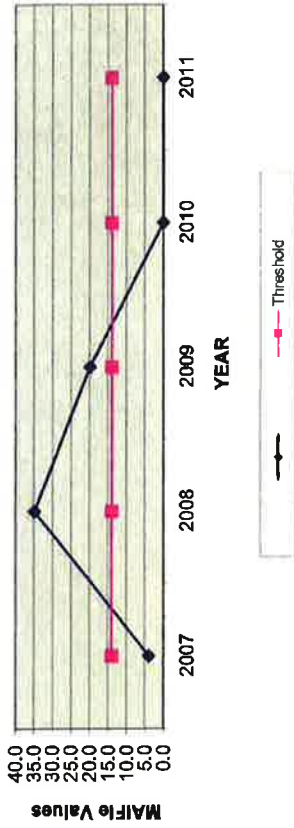
CHARTS - Circuit MAIFie Values



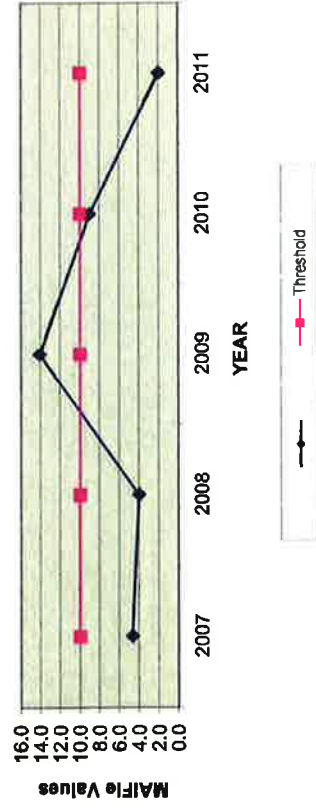
MAIFle Values For PNCK11



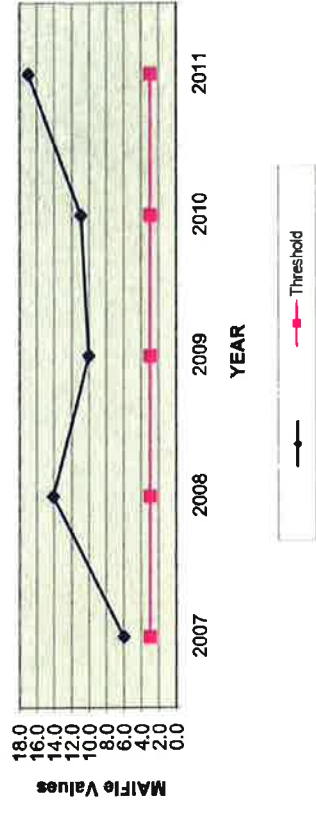
MAIFle Values For PNCK12



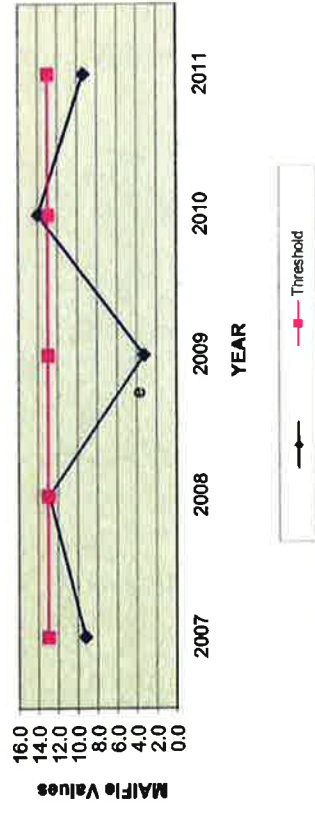
MAIFle Values For PRMA42



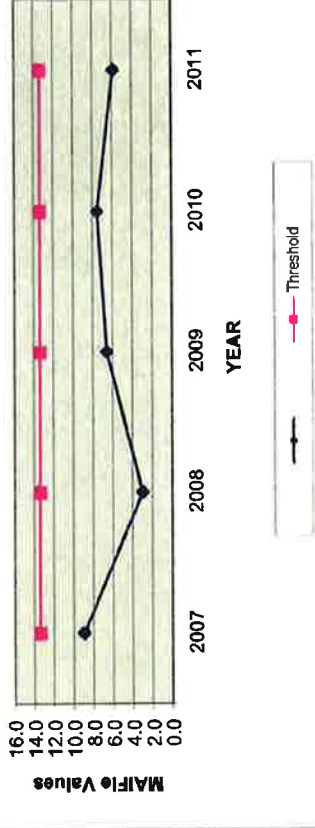
MAIFle Values For RKVL11



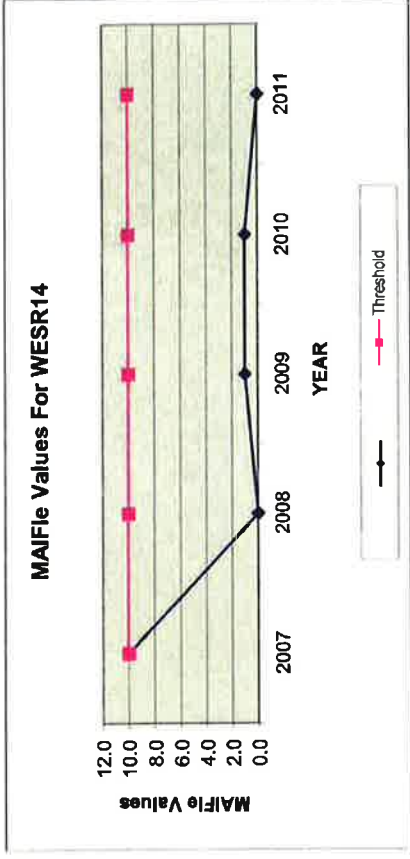
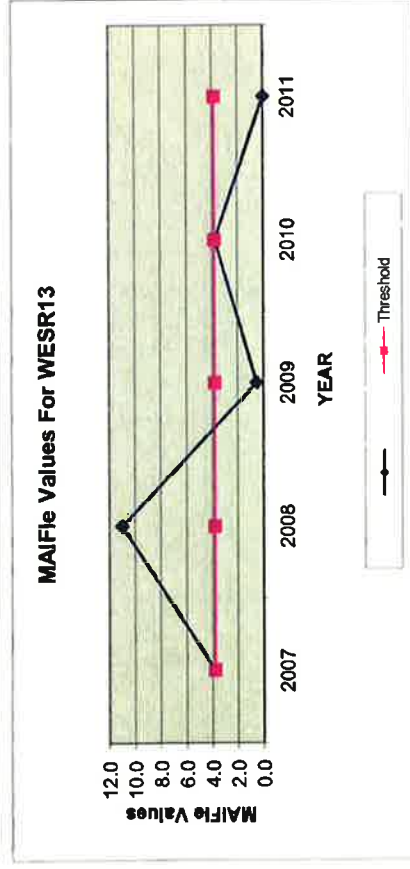
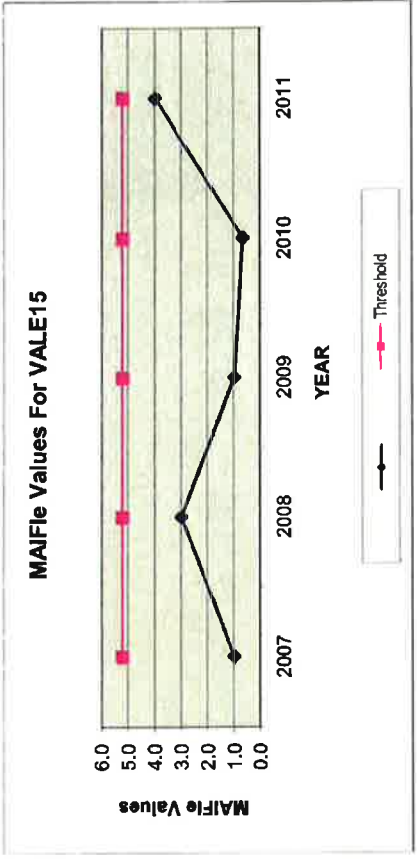
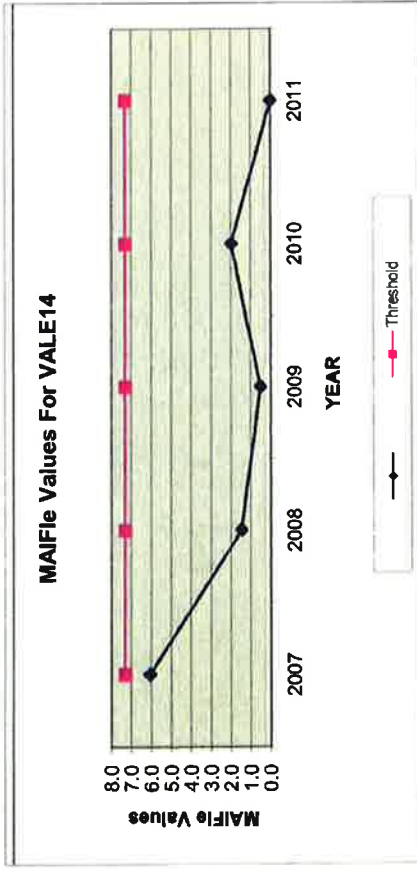
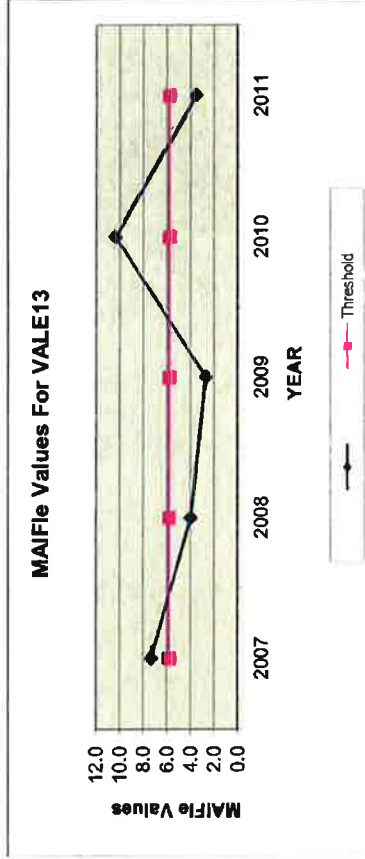
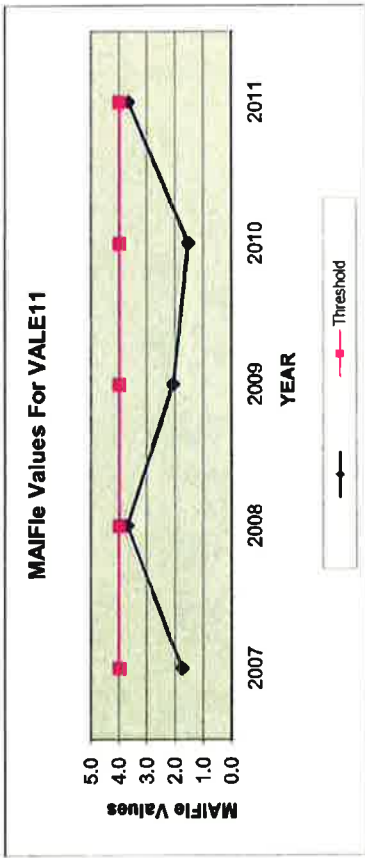
MAIFle Values For UNTY11



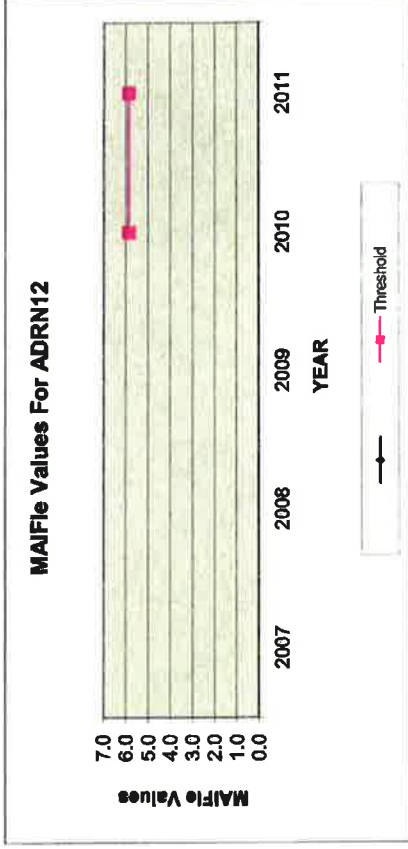
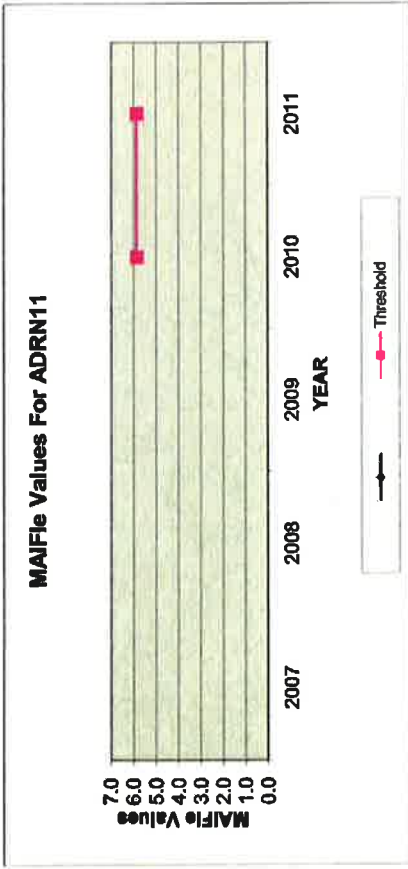
MAIFle Values For UNTY12



CHARTS - Circuit MAIFle Values



CHARTS - Circuit MAIFie Values



5 Years of Sustained Interruption Causes

TABLE 5

CAUSE	NUMBER of SUSTAINED INTERRUPTIONS					PERCENT of TOTAL SUSTAINED INTERRUPTIONS				
	2007	2008	2009	2010	2011	2007	2008	2009	2010	2011
ADVERSE ENVIRONMENT	16	2	12	99	161	3.21	0.31	2.09	11.47%	22.18%
ADVERSE WEATHER	59	48	40	0	0	11.82	7.37	6.96	0.00%	0.00%
CUSTOMERS EQUIPMENT	*42	*15	*9	*7	*8	0.00	0.00	0.00	0.00%	0.00%
EQUIPMENT FAILURES	80	151	110	216	162	16.03	23.20	19.13	25.03%	22.31%
FOREIGN INTERFERENCE	71	119	99	63	11	14.23	18.28	17.22	7.30%	1.52%
HUMAN ELEMENT	21	36	7	20	12	4.21	5.53	1.22	2.32%	1.65%
LIGHTNING	3	9	19	16	15	0.60	1.38	3.30	1.85%	2.07%
LOSS OF SUPPLY	13	38	19	26	33	2.61	5.84	3.30	3.01%	4.55%
MAJOR EVENTS	0	0	0	0	0	0.00	0.00	0.00	0.00%	0.00%
SCHEDULED OUTAGES	91	112	64	155	149	18.24	17.20	11.13	17.96%	20.52%
TREE CONTACTS	27	22	25	49	45	5.41	3.38	4.35	5.68%	6.20%
UNKNOWN	118	114	180	219	138	23.65	17.51	31.30	25.38%	19.01%
TOTAL	499	651	575	870	726	100.00	100.00	100.00	100.00%	100.00%

* = Not Included in Calculations

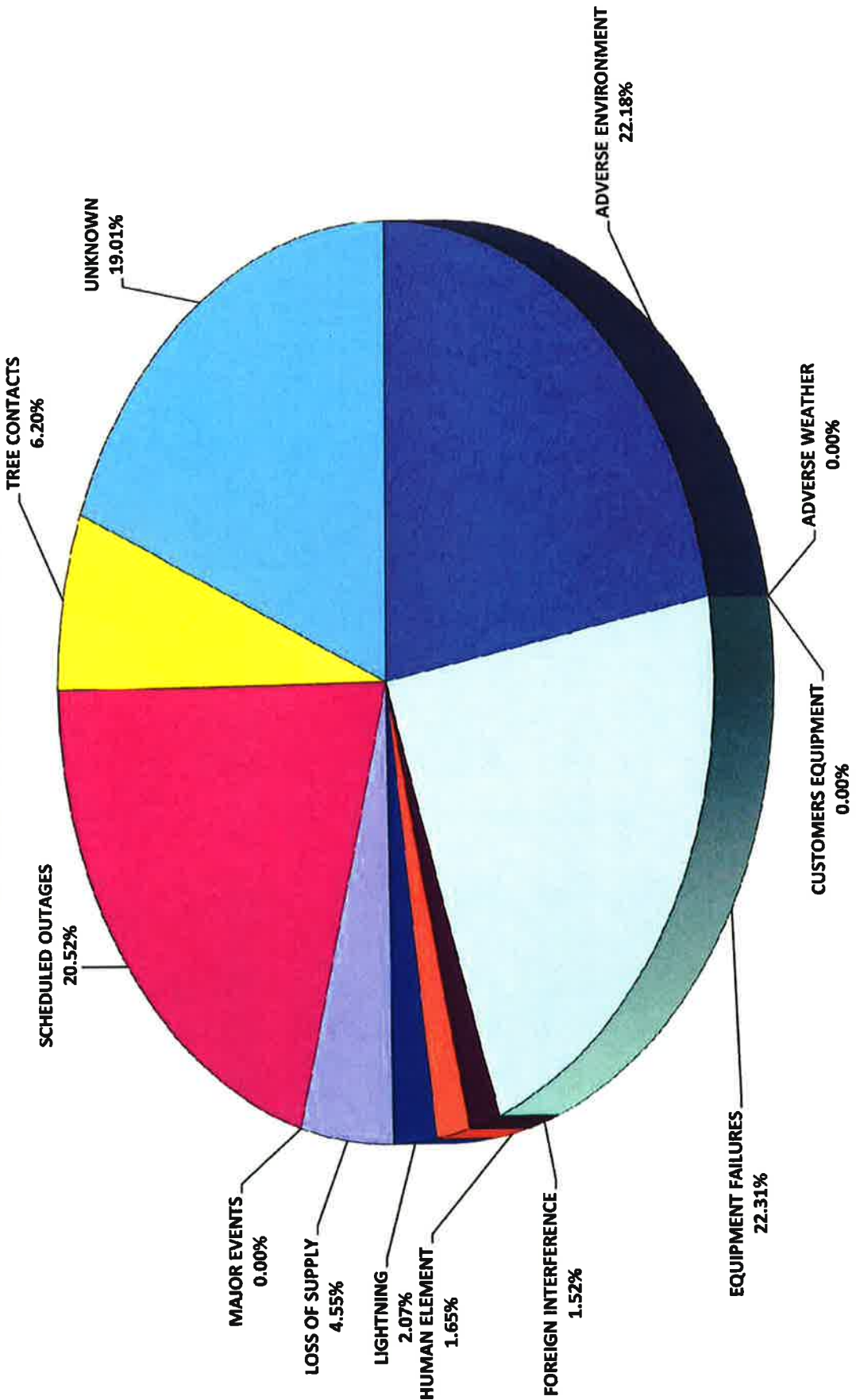
5 Years of Sustained Interruption Causes

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2011 Causes for Sustained Interruptions



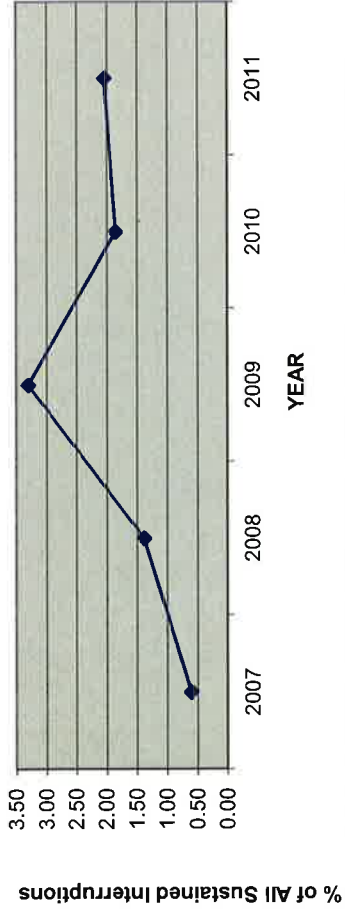
2011 Sustained Interruption Cause Ranking

TABLE 6

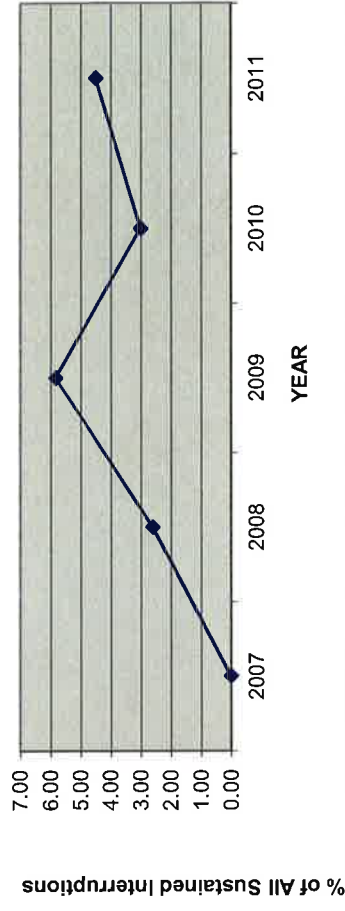
CAUSE	OCCURRENCES	CUSTOMER		OCCURRENCES RANKING	HOURS OUT RANKING
		OCCURRENCES	HOURS OUT		
UNKNOWN	138	9482.50	4	5	
TREE CONTACTS	45	1567.23	5	1	
SCHEDULED OUTAGES	149	16516.89	3		
MAJOR EVENTS	0	0.00			
LOSS OF SUPPLY	33	11480.00		3	
LIGHTNING	15	10436.41		4	
HUMAN ELEMENT	12	418.52			
FOREIGN INTERFERENCE	11	161.51			
EQUIPMENT FAILURES	162	15263.82	1	2	
CUSTOMERS EQUIPMENT	*8	24.89			
ADVERSE WEATHER	0	0.00			
ADVERSE ENVIRONMENT	161	5966.86	2		
TOTAL	734	71318.63			

CHARTS for System Interruption Causes

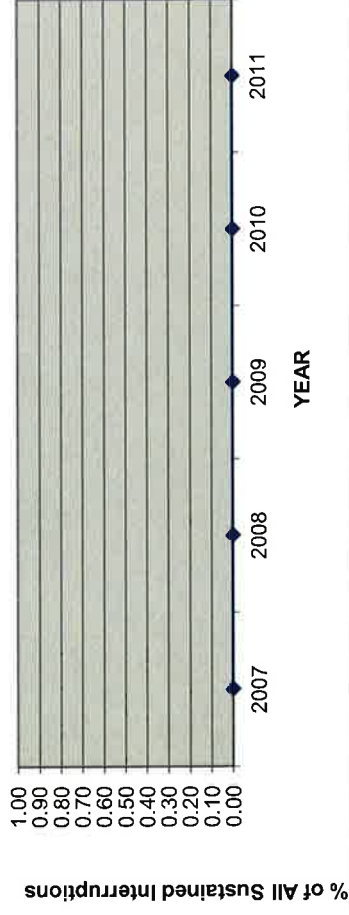
LIGHTNING



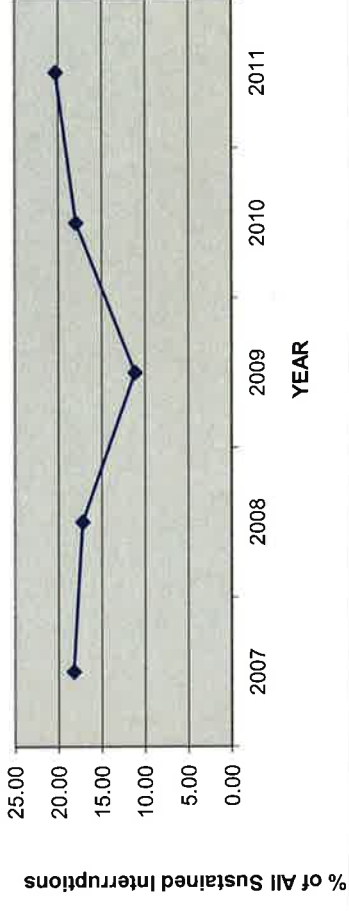
LOSS OF SUPPLY



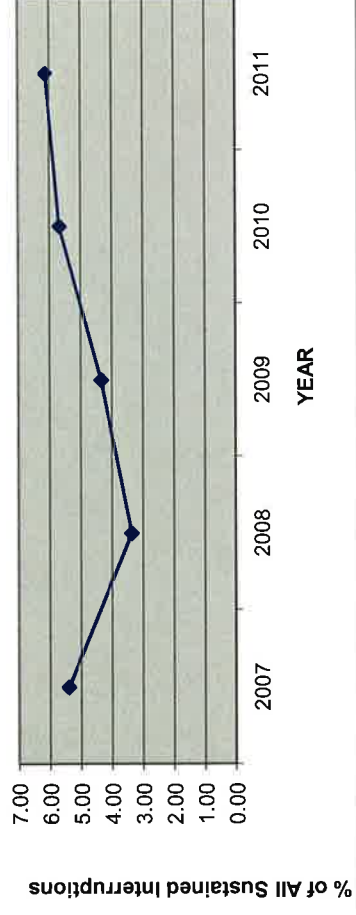
MAJOR EVENTS



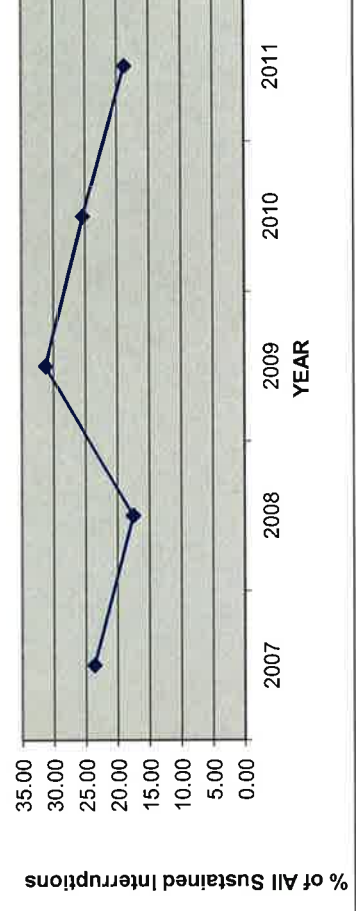
SCHEDULED OUTAGES



TREE CONTACTS

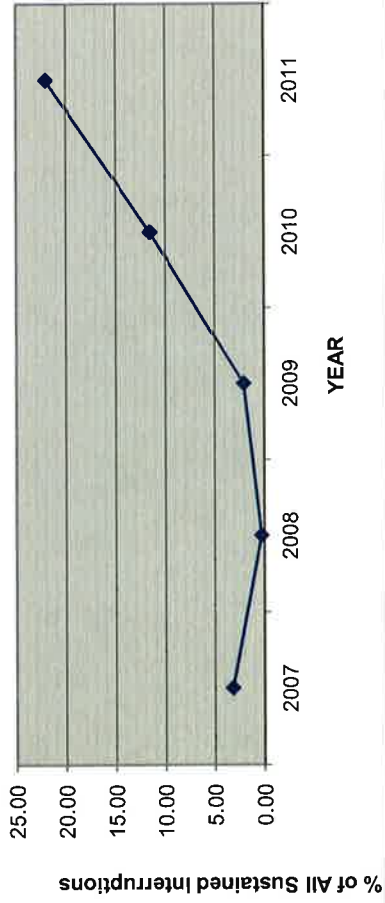


UNKNOWN

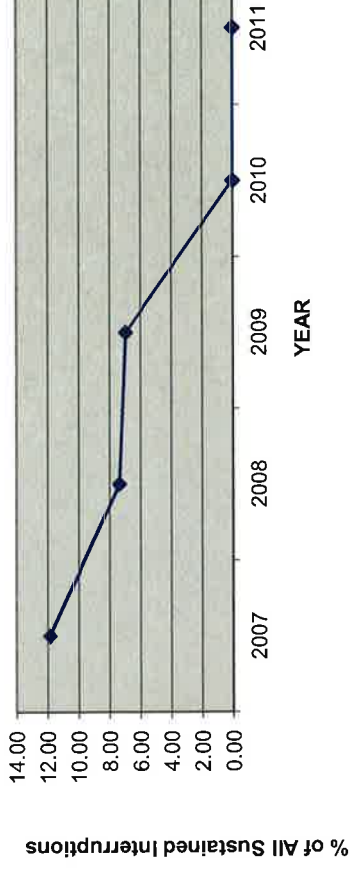


CHARTS for System Interruption Causes

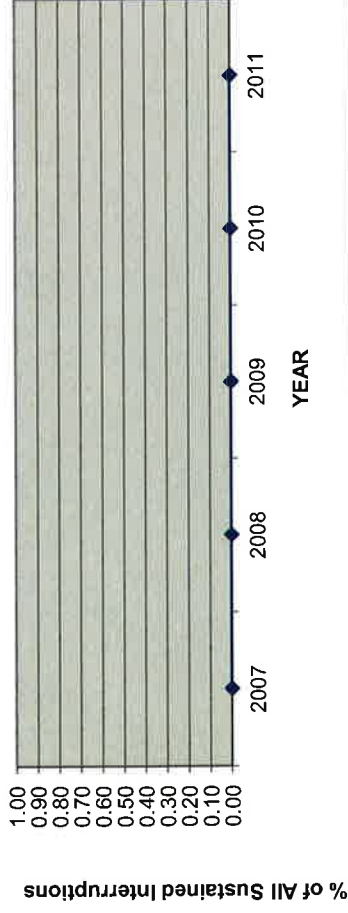
ADVERSE ENVIRONMENT



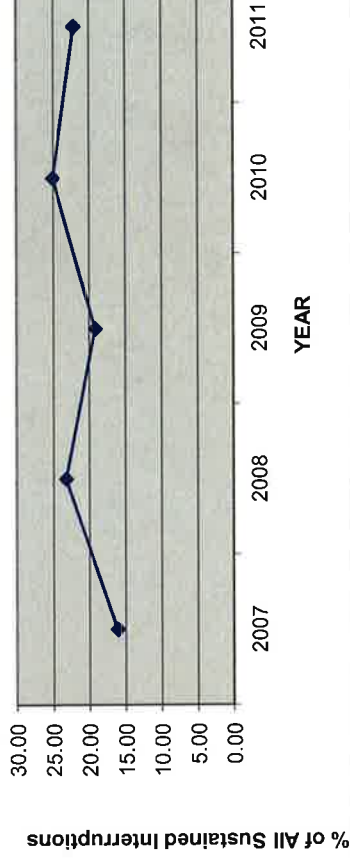
ADVERSE WEATHER



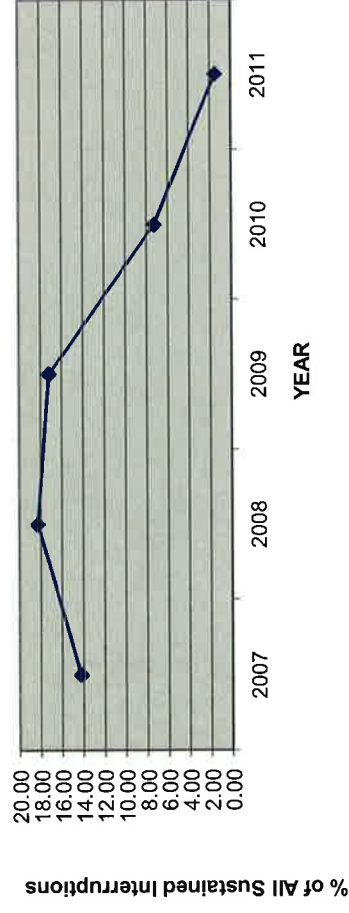
CUSTOMERS EQUIPMENT



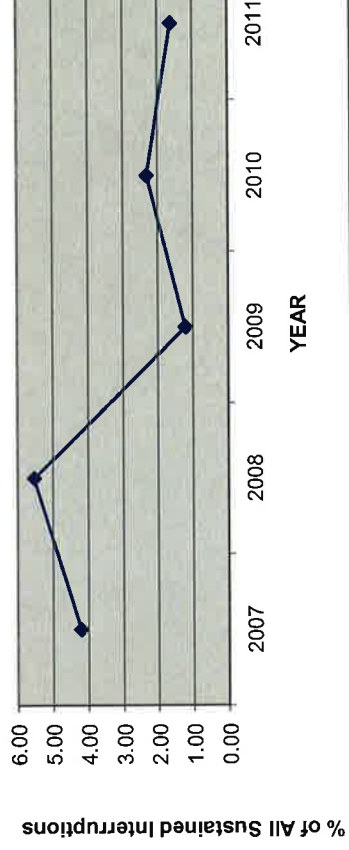
EQUIPMENT FAILURES



FOREIGN INTERFERENCE



HUMAN ELEMENT



Oregon Circuits Exceeding the Threshold Limit in 2011

TABLE 7

SAIDI VALUES			SAIFI VALUES			MAIFI _e VALUES		
CIRCUIT	2011	THRESHOLD	CIRCUIT	2011	THRESHOLD	CIRCUIT	2011	THRESHOLD
JNVY1Z	38.47	28.11	JNVY11	16.85	12.00	JNVY11	16.85	12.00
MKB141	56.83	11.26	JNVY1Z	16.00	9.00	JNVY1Z	16.00	9.00
UIDALZ	4.9Z	4.57	JNVY31	21.16	10.00	JNVY31	21.16	10.00
			KKVLI1	17.00	3.00	KKVLI1	17.00	3.00

Five Years of Line/Trench Miles Data

TABLE 8

OH Line (Pole) Miles		UG Trench Miles		Distribution All Trench Miles	
YEAR	MILES	YEAR	MILES	YEAR	MILES
2011	2112.82	2011	87.77	2011	2200.59
2010	2,114.69	2010	92.13	2010	2,206.82
2009	2120.26	2009	92.11	2009	2215.54
2008	2,343.87	2008	84.36	2008	2,204.62
2007	2298.29	2007	90.28	2007	2,208.01
Transmission Line (Structure/Pole) Miles *					
Customer Counts					
YEAR	MILES	YEAR	COUNT	OH/UG %	
2011	685.22	2011	19,394.00	87/13	
2010	675.12	2010	19,447.00	87/13	
2009	667.75	2009	19,493.00	87/13	
2008	667.59	2008	19,487.00	88/12	
2007	662.21	2007	19,543.00	88/12	

Notes:

- Transmission line miles include some lines that do not directly serve customer load