

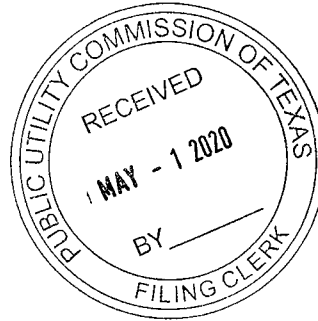


Control Number: 50052



Item Number: 14

Addendum StartPage: 0



Southwestern Electric  
Power Company  
400 W 15<sup>th</sup> Street, Suite 1500  
Austin, TX 78701  
www.SWEPCO.com

May 1, 2020

Ms. Ana Trevino  
Filing Clerk, Central Records  
Public Utility Commission of Texas  
1701 N. Congress Ave.  
Austin, TX 78701

**RE: Project No. 50052 – Compliance Report of Southwestern Electric Power Company in Accordance with the Order on Rehearing in Docket No. 46449**

Dear Ms. Trevino:

Southwestern Electric Power Company (SWEPCO) hereby submits the attached report to comply with Finding of Fact 209 in the Commission's March 19, 2018 Order on Rehearing in Docket No. 46449, *Application of Southwestern Electric Power Company for Authority to Change Rates*.

SWEPCO has communicated with Commission Staff about a potential clarification of the Commission's Order No. 4 in the instant proceeding, relating to the reporting frequency that was recommended by Staff. SWEPCO intends to file such a pleading after further discussion with Staff.

If you have questions about the information contained in the attached report, please contact me at (512) 481-4565.

Regards,

Jonathan Griffin  
Regulatory Consultant Staff  
Southwestern Electric Power Company

cc: Heath Armstrong  
Commission Staff

Enclosure

**PUC PROJECT NO. 50052**

**COMPLIANCE REPORT OF  
SOUTHWESTERN ELECTRIC  
POWER COMPANY IN  
ACCORDANCE WITH THE  
ORDER ON REHEARING IN  
DOCKET NO. 46449**

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**PUBLIC UTILITY COMMISSION  
OF TEXAS**

**MAY 1, 2020**

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## **Vegetation Management Compliance Report - December 31, 2019**

Southwestern Electric Power Company (SWEPCO) submits this report in compliance with Finding of Fact 209 in the Commission's March 19, 2018 Order on Rehearing in Docket No. 46449, *Application of Southwestern Electric Power Company for Authority to Change Rates*. This report provides information indicating how SWEPCO is spending the additional amount of distribution vegetation management expense authorized in Docket No. 46449, and the effect this additional spending is having on outage rates.

SWEPCO's vegetation management goal is to reduce the number of tree-related outages as much as possible for the largest number of customers possible. Vegetation management improves electric service reliability by trimming and removing trees, tree limbs, and other vegetation that can interfere with power lines. The additional funds authorized in Docket No. 46449 were spent to manually trim the distribution circuits identified in the attached report.<sup>1</sup>

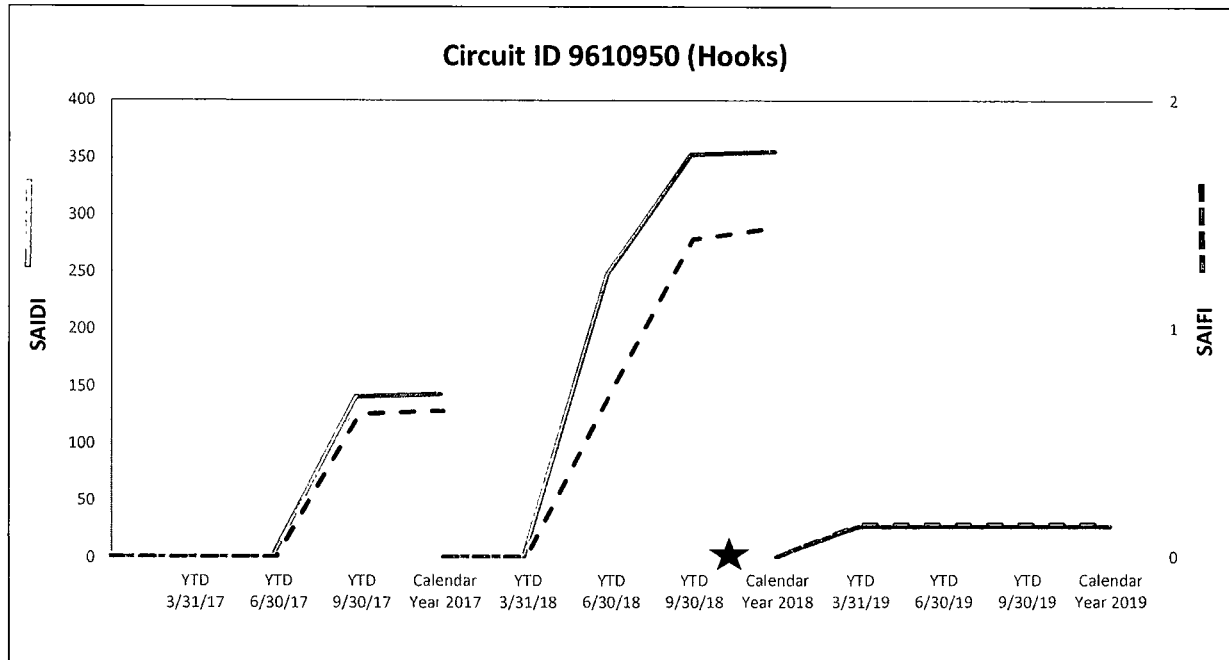
To measure the effect the additional spending is having on outage rates, this report uses the System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI) caused by trees inside the right-of-way, for the selected circuits. The data is presented year-to-date (YTD) as of the end of each calendar quarter. The YTD December 31 values present the full calendar year's SAIDI and SAIFI caused by trees inside the right-of-way. The star on each graph indicates the date on which trimming of the circuit was completed.

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<sup>1</sup> For discussion of the total amount of distribution vegetation management spending by SWEPCO, please see SWEPCO's *Report on Vegetation Management Required by 16 TAC § 25.96*, in particular sections (f)(1)(I) and (f)(2)(G). The *Report* is filed May 1 of each year in PUC Project No. 41381.

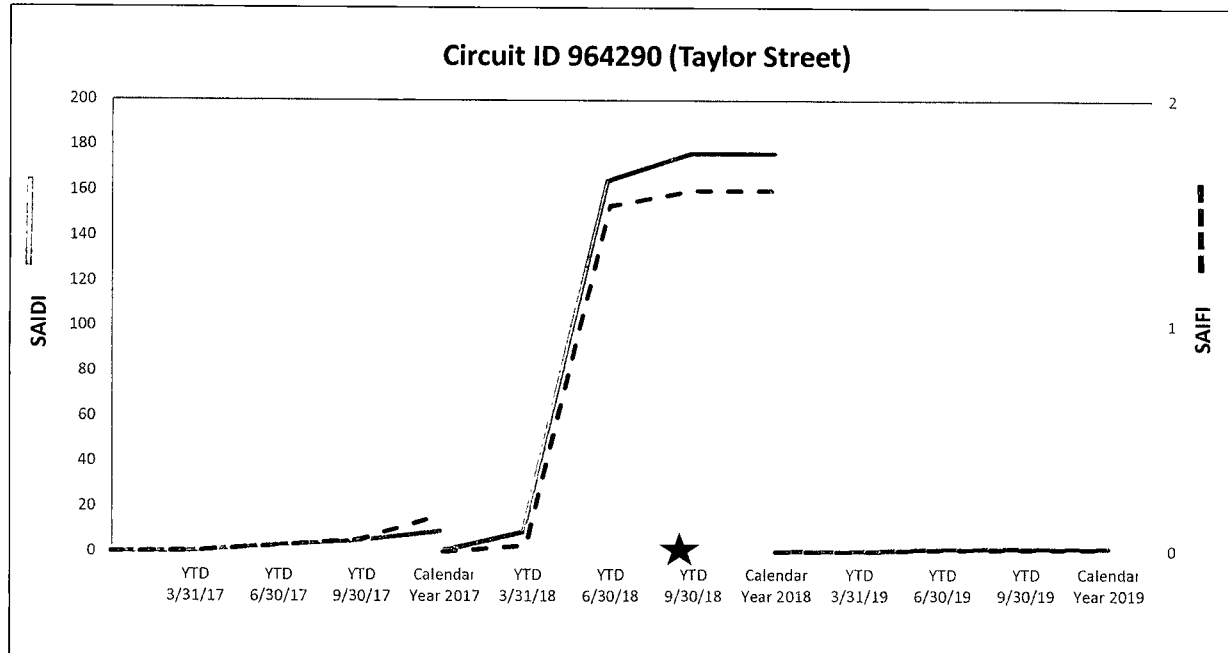
This page contains CONFIDENTIAL information that is available for review at the Austin office of American Electric Power Company (AEP), 400 West 15th Street, Suite 1520, Austin, Texas; 78701, (512) 481-4562, during normal business hours.

<b>District:</b>	Texarkana
<b>Circuit ID:</b>	9610950
<b>Circuit Name:</b>	Hooks
<b>Circuit Miles:</b>	26.2
<b>Completion Date:</b>	11/7/2018



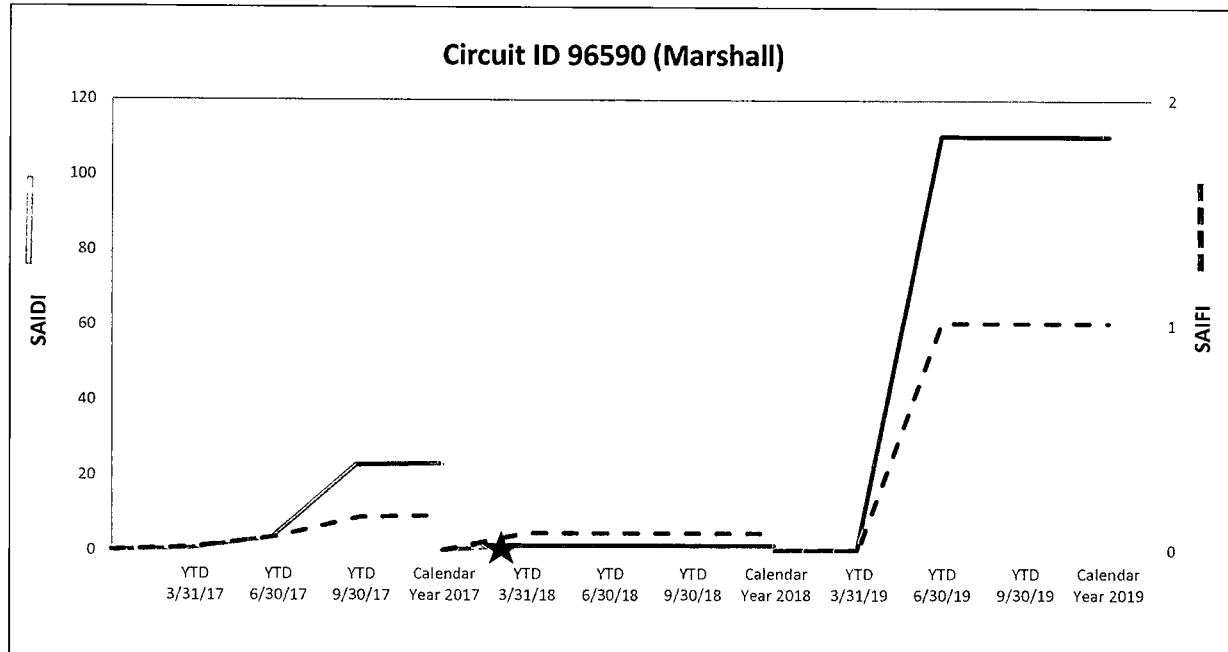
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SAIDI	0.0	0.0	140.3	142.2	0.0	247.6	352.3	354.9	26.1	26.1	26.1	26.1
SAIFI	0.000	0.000	0.627	0.641	0.000	0.712	1.394	1.445	0.144	0.144	0.144	0.144

<b>District:</b>	Texarkana
<b>Circuit ID:</b>	964290
<b>Circuit Name:</b>	Taylor Street
<b>Circuit Miles:</b>	14.6
<b>Completion Date:</b>	9/18/2018



	YTD 3/31/17	YTD 6/30/17	YTD 9/30/17	Calendar Year 2017	YTD 3/31/18	YTD 6/30/18	YTD 9/30/18	Calendar Year 2018	YTD 3/31/19	YTD 6/30/19	YTD 9/30/19	Calendar Year 2019
SAIDI	0.3	2.8	4.8	9.0	8.7	164.3	176.4	176.4	0.0	1.1	1.2	1.2
SAIFI	0.005	0.028	0.055	0.163	0.027	1.533	1.602	1.602	0.000	0.010	0.011	0.011

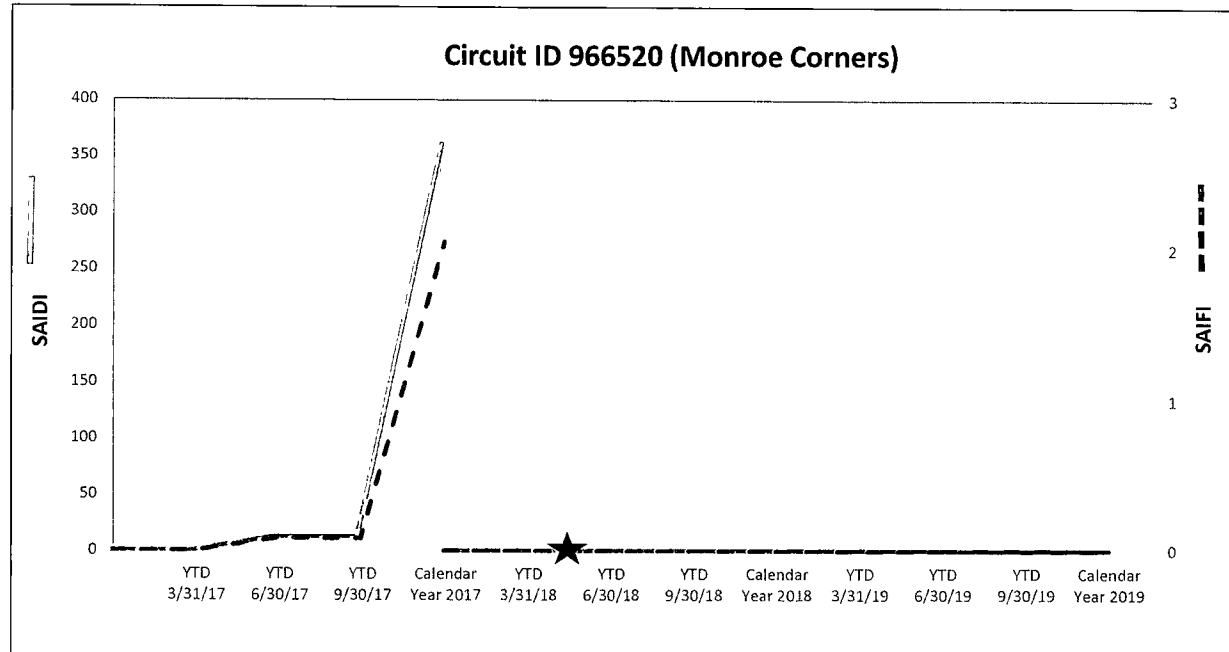
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<b>Circuit ID:</b>	96590
<b>Circuit Name:</b>	Marshall
<b>Circuit Miles:</b>	12.4
<b>Completion Date:</b>	3/2/2018



	YTD 3/31/17	YTD 6/30/17	YTD 9/30/17	Calendar Year 2017	YTD 3/31/18	YTD 6/30/18	YTD 9/30/18	Calendar Year 2018	YTD 3/31/19	YTD 6/30/19	YTD 9/30/19	Calendar Year 2019
SAIDI	0.5	3.5	22.6	23.0	1.2	1.2	1.2	1.2	0.0	110.3	110.3	110.3
SAIFI	0.014	0.059	0.146	0.153	0.075	0.075	0.075	0.075	0.000	1.012	1.012	1.012

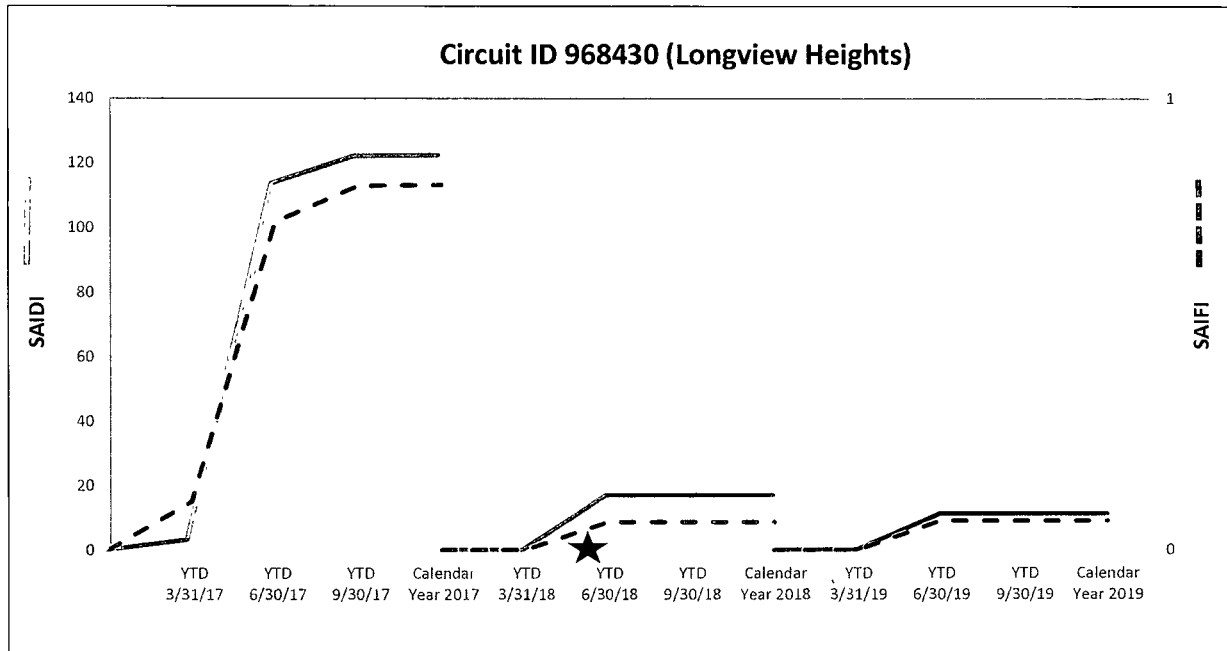


<b>District:</b>	Longview
<b>Circuit ID:</b>	966520
<b>Circuit Name:</b>	Monroe Corners
<b>Circuit Miles:</b>	8.0
<b>Completion Date:</b>	5/16/2018



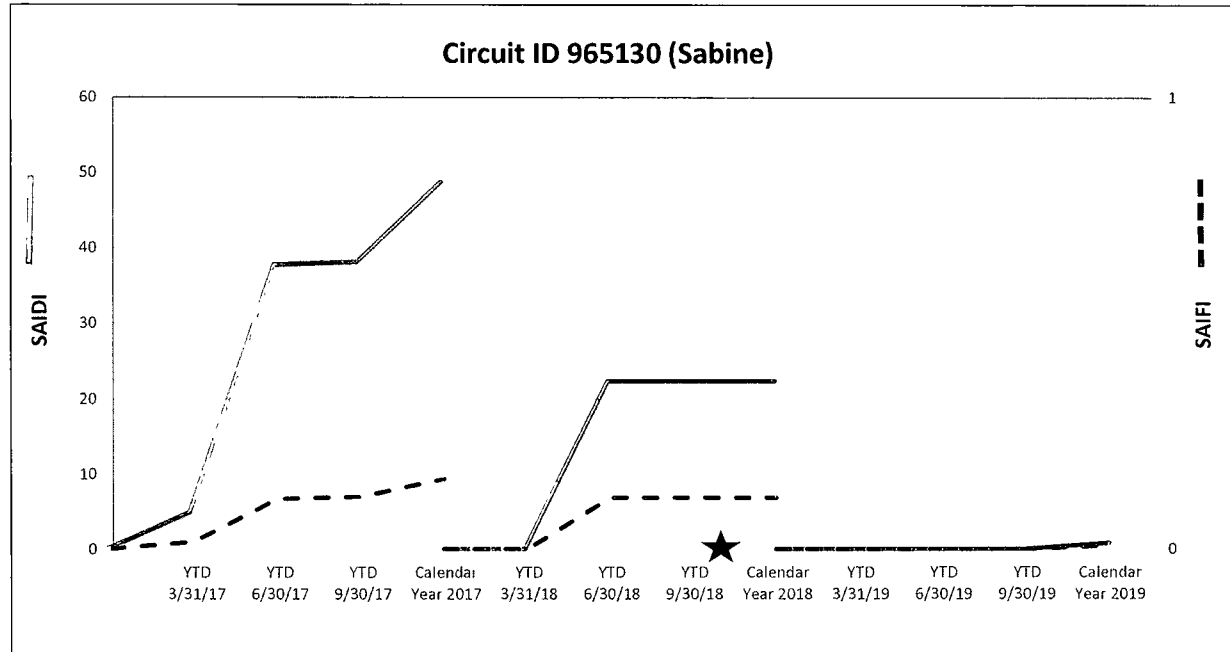
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SAIDI	0.0	12.1	12.1	360.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SAIFI	0.000	0.081	0.081	2.054	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<b>District:</b>	Longview
<b>Circuit ID:</b>	968430
<b>Circuit Name:</b>	Longview Heights
<b>Circuit Miles:</b>	26.6
<b>Completion Date:</b>	6/8/2018



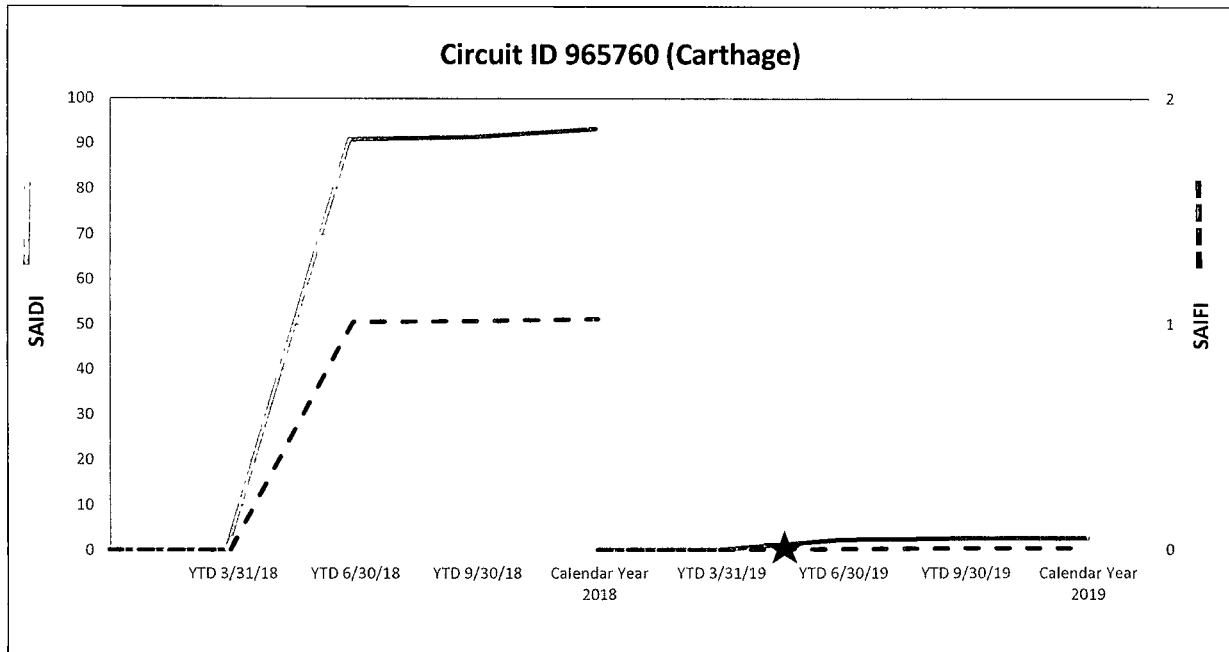
	YTD 3/31/17	YTD 6/30/17	YTD 9/30/17	Calendar Year 2017	YTD 3/31/18	YTD 6/30/18	YTD 9/30/18	Calendar Year 2018	YTD 3/31/19	YTD 6/30/19	YTD 9/30/19	Calendar Year 2019
SAIDI	3.2	113.5	122.0	122.2	0.0	16.9	16.9	16.9	0.0	11.1	11.1	11.1
SAIFI	0.107	0.726	0.806	0.808	0.000	0.062	0.062	0.062	0.000	0.065	0.065	0.065

<b>District:</b>	Longview
<b>Circuit ID:</b>	965130
<b>Circuit Name:</b>	Sabine
<b>Circuit Miles:</b>	67.4
<b>Completion Date:</b>	10/8/2018



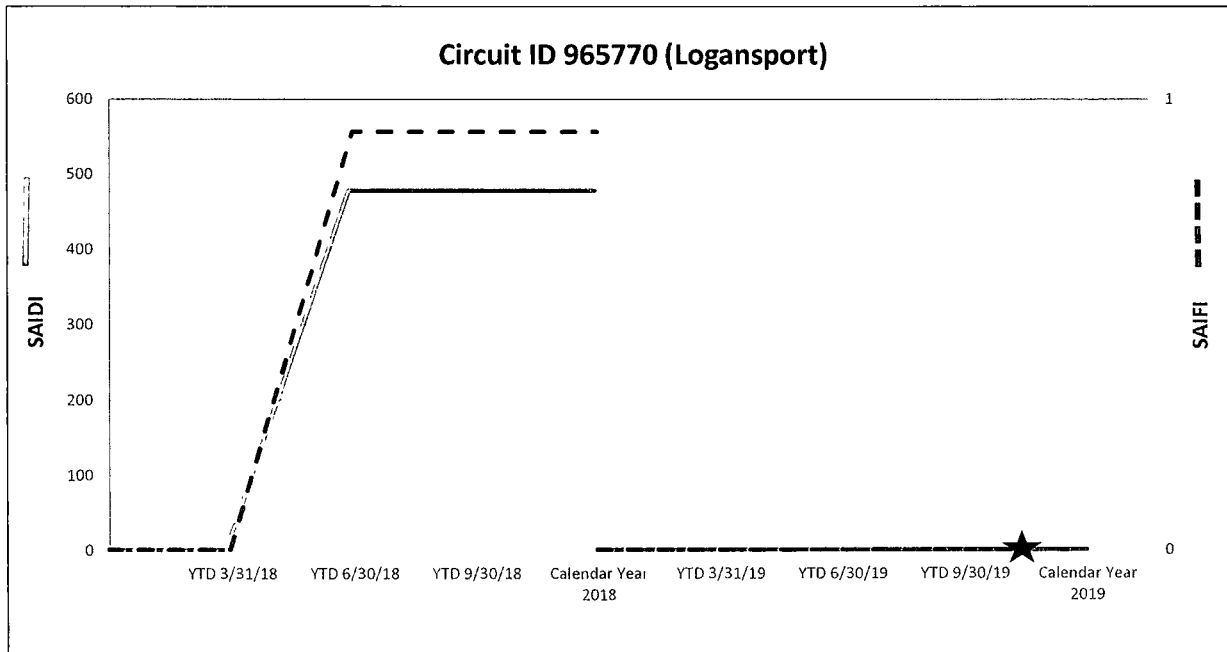
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SAIDI	4.9	37.7	38.1	48.7	0.0	22.3	22.3	22.3	0.0	0.0	0.0	0.8
SAIFI	0.016	0.110	0.115	0.155	0.000	0.113	0.113	0.113	0.000	0.000	0.000	0.008

<b>District:</b>	Longview
<b>Circuit ID:</b>	965760
<b>Circuit Name:</b>	Carthage
<b>Circuit Miles:</b>	14.0
<b>Completion Date:</b>	5/17/2019



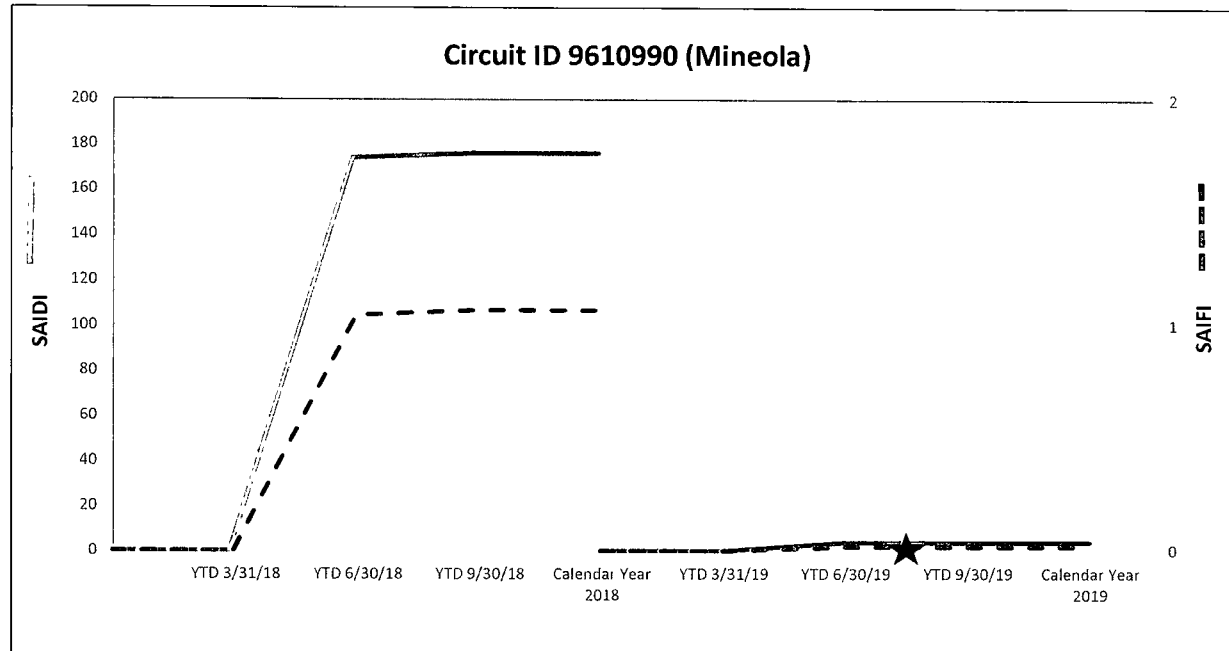
	YTD 3/31/18	YTD 6/30/18	YTD 9/30/18	Calendar Year 2018	YTD 3/31/19	YTD 6/30/19	YTD 9/30/19	Calendar Year 2019
SAIDI	0.0	90.8	91.3	93.1	0.0	2.2	2.5	2.5
SAIFI	0.000	1.009	1.014	1.023	0.000	0.004	0.008	0.008

<b>District:</b>	Longview
<b>Circuit ID:</b>	965770
<b>Circuit Name:</b>	Logansport
<b>Circuit Miles:</b>	23.9
<b>Completion Date:</b>	10/17/2019



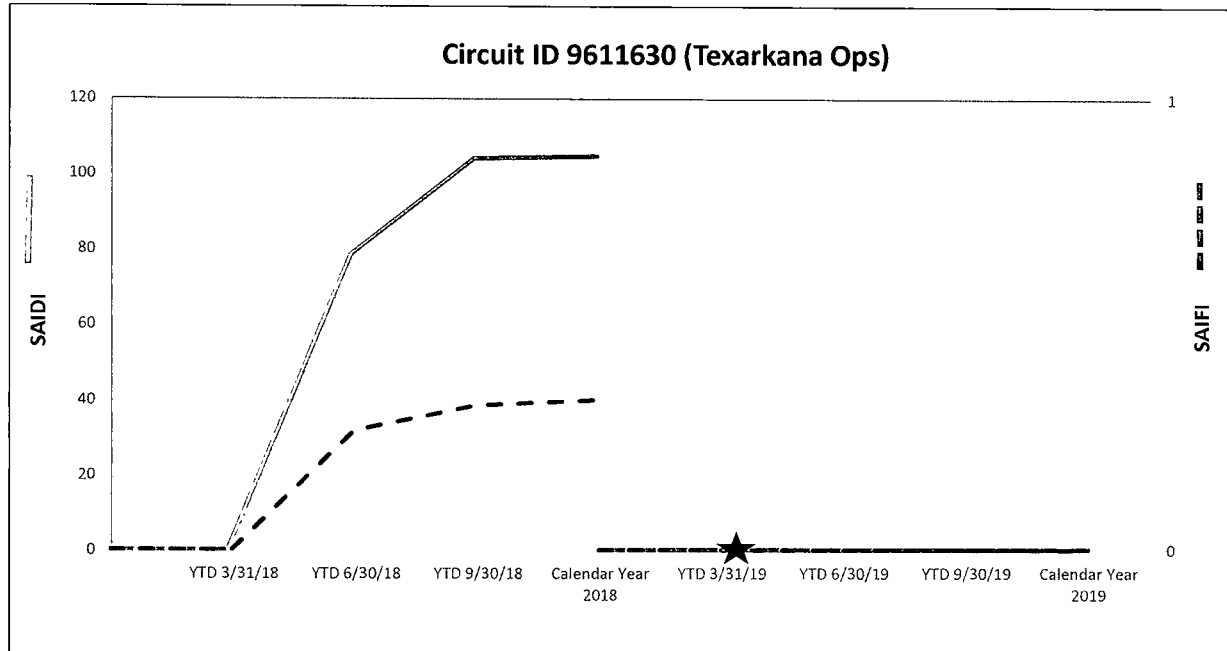
	YTD 3/31/18	YTD 6/30/18	YTD 9/30/18	Calendar Year 2018	YTD 3/31/19	YTD 6/30/19	YTD 9/30/19	Calendar Year 2019
SAIDI	0.0	476.4	476.4	476.4	0.0	0.0	0.0	0.0
SAIFI	0.000	0.927	0.927	0.927	0.000	0.000	0.000	0.000

<b>District:</b>	Longview
<b>Circuit ID:</b>	9610990
<b>Circuit Name:</b>	Mineola
<b>Circuit Miles:</b>	39.1
<b>Completion Date:</b>	7/13/2019



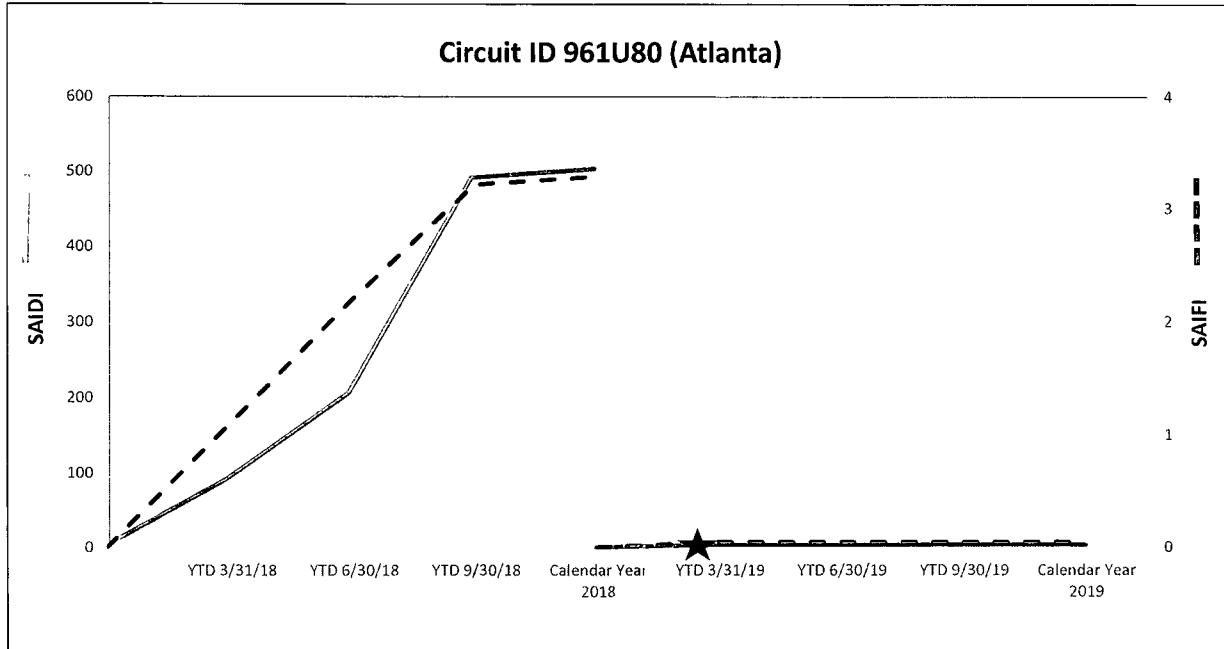
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SAIDI	0.0	173.8	175.8	175.8	0.0	3.7	3.7	3.7
SAIFI	0.001	1.045	1.067	1.067	0.000	0.018	0.018	0.018

<b>District:</b>	Texarkana
<b>Circuit ID:</b>	9611630
<b>Circuit Name:</b>	Texarkana Ops
<b>Circuit Miles:</b>	12.2
<b>Completion Date:</b>	4/4/2019



	YTD 3/31/18	YTD 6/30/18	YTD 9/30/18	Calendar Year 2018	YTD 3/31/19	YTD 6/30/19	YTD 9/30/19	Calendar Year 2019
SAIDI	0.0	78.5	104.0	104.6	0.1	0.1	0.1	0.1
SAIFI	0.000	0.264	0.321	0.333	0.001	0.001	0.001	0.001

<b>District:</b>	Texarkana
<b>Circuit ID:</b>	961U80
<b>Circuit Name:</b>	Atlanta
<b>Circuit Miles:</b>	22.4
<b>Completion Date:</b>	3/17/2019



	YTD 3/31/18	YTD 6/30/18	YTD 9/30/18	Calendar Year 2018	YTD 3/31/19	YTD 6/30/19	YTD 9/30/19	Calendar Year 2019
SAIDI	89.9	205.1	491.2	502.9	3.2	3.2	3.2	3.2
SAIFI	1.092	2.194	3.214	3.287	0.048	0.048	0.048	0.048