

IEEE 1366 Statistics

Metric	Jan 2019 - Dec 2019	Jan 2018 - Dec 2018
SAIDI	37.017	33.471
SAIFI	3.00278	3.0128
CAIDI	12.327	11.109
ASAI	99.9929%	99.9936%
Momentary Interruptions	116	114
Sustained Interruptions	261	299

Circuit Ranking - Worst Performing

Ranked by Outage Count

Circuit	Substation	Number of Outages
HC 223	Hinkson Creek	25
HB 223	Harmony Branch	22
HB 232	Harmony Branch	21

Ranked by Customer Interruptions

Circuit	Substation	Customer Interruptions
PC 213	Perche Creek	18,273
HC 223	Hinkson Creek	15,292
HC 213	Hinkson Creek	11,803

Ranked by Customer Minutes of Duration

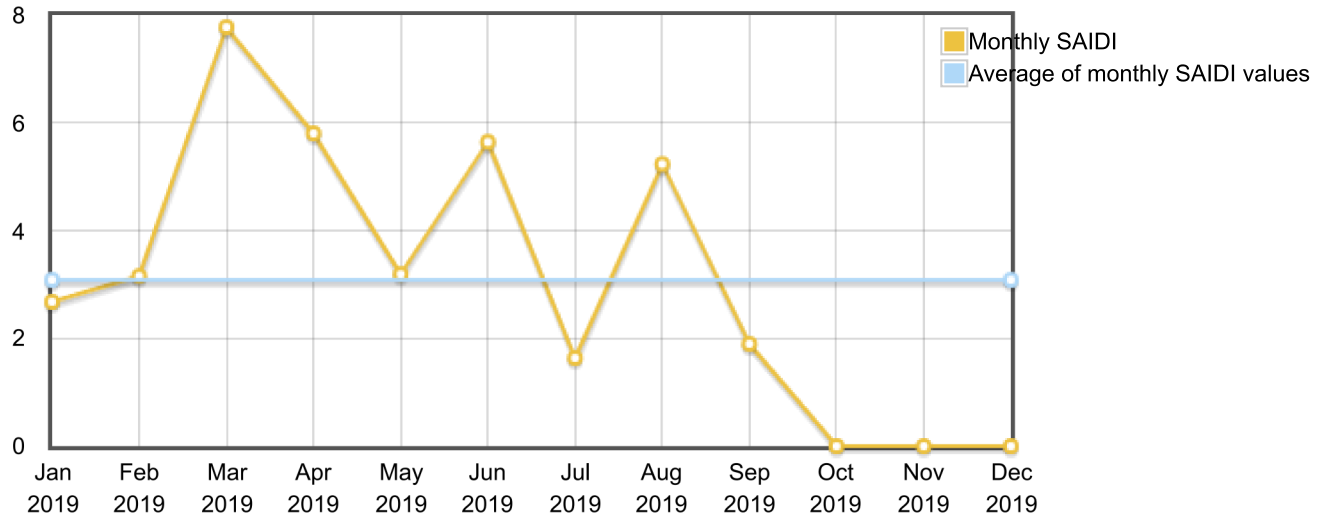
Circuit	Substation	Customer Minutes of Duration
PC 213	Perche Creek	759,358

Circuit	Substation	Customer Minutes of Duration
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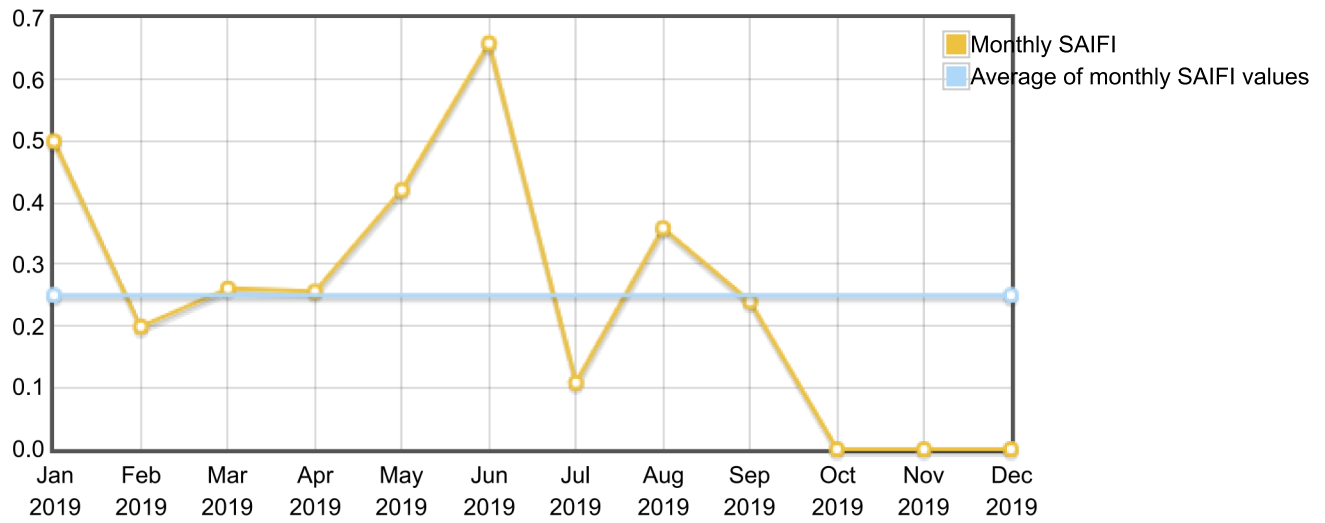
HC 223	Hinkson Creek	584,853
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HC 213	Hinkson Creek	432,466
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Monthly SAIDI Chart



Monthly SAIFI Chart



Causes Ranked by Count



Cause	Count
Unknown	80
Wildlife	48
Storm	37

Causes Ranked by Duration



Cause	Duration
Storm	1,135,967
Tree	280,949
Equipment	244,229

Top 10 Outages for the Year

Address	Customers Interrupted	Duration	Customer Minutes of Interruption	Start Date
green meadows,nifong, heritage est, wood rail	1,630	110	179,300	08/03/2019
Nifong, cntr club meadows,heritage estate	1,634	85	138,890	04/19/2019
Ashland Gravel Rd, College Ave, Locust St	2,067	65	134,355	03/28/2019
Mexico gravel, vandiver,clark lane, UPS	1,216	75	91,200	03/13/2019
Mexico gravel, vandiver,clark lane, UPS	1,216	67	81,472	03/13/2019
southampton,royal heritage,whitburn,chadwick	1,449	52	75,348	05/02/2019
Nifong Blvd, Club Village Dr, Woodrail South, Highland Pkwy	1,630	39	63,570	06/22/2019
801 Green Meadow, Deerfield Apartments	211	283	59,713	01/29/2019
Germantown, Madison Park, Cherry Hill Sub	1,216	47	57,152	06/21/2019
prestwick, dunhillway, strathmore, highlands	181	223	40,363	04/19/2019

Total Customers Affected for the Year: **152,192**

Average Customers Affected per Outage: **403.692308**

