



LICKING VALLEY
RURAL ELECTRIC COOPERATIVE CORPORATION
P. O. Box 605 • 271 Main Street
West Liberty, KY 41472-0605
(606) 743-3179



RECEIVED

January 22, 2026

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**PUBLIC SERVICE
COMMISSION**

Director of Engineering
Public Service Commission
211 Sower Boulevard
P.O. Box 615
Frankfort, KY 40602

Dear Sir:

Enclosed you will find Licking Valley Rural Electric Cooperative Corporation's Electric Distribution Utility Annual Reliability and Accountability Report for the year ending 2025.

If additional information is needed, please let us know.

Sincerely,

Chris Murphy
Superintendent of Operations

CM: cjc

Report prepared for:

LICKING VALLEY RURAL ELECTRIC COOPERATIVE CORPORATION

Prepared by:

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2025 Annual Reliability Report

Major Event Days

SAIDI Value 1202.7085

First Date Used to Determine T'Med-----January 05, 2025

Last Date Used to Determine T'Med----- December 29, 2025

**Number of T'MED in Report Year---11
(7 Storms)
(4 Substation outages)**

System Reliability Information and Results

System-Wide Information

Total meters 17,928

Total Circuits 37

System-Wide Results

Excluding MED

Reporting Year	5 Year Average
SAIDI 234.6558	167.395
SAIFI 1.977	1.52414

Including MED

Reporting Year	5 Year Average
SAIDI 1437.364	1035.236
SAIFI 2.38686	2.549832

Ten Worst Performing Circuits and Major Outage Category Without T'Med for SAIFI Index:

Substation	Circuit	SAIFI Value	Major Cause
Sublett	Carver Circuit	5.0580	Equipment Fail
Oakdale	Elkatawa Circuit	4.3741	Right of Way Out
Oakdale	Highland Circuit	3.4185	Right of Way In
Hot Mix	519 Circuit	3.0900	Right of Way Out
Helechawa	Vancleve Circuit	2.7171	Planned
Campton	Vortex Circuit	2.6062	Planned
Maytown	Ezel Circuit	2.5470	Right of Way In
Helechawa	Cannel City Circuit	2.2989	Right of Way Out
Oakdale	War Ck. Circuit	2.2190	Right of Way Out
Maytown	Pomeroyton Circuit	2.0682	Planned

Ten Worst Performing Circuits and Major Outage Category Without T'Med for SAIDI Index:

Substation	Circuit	SAIDI Value	Major Cause
Oakdale	Elkatawa Circuit	708.2159	Right of Way Out
Helechawa	Cannel City Circuit	679.2340	Right of Way Out
Oakdale	Highland Circuit	633.8925	Right of Way In
Campton	Vortex Circuit	485.1885	Right of Way Out
Sublett	Carver Circuit	477.7749	Equipment Fail
Oakdale	War Ck. Circuit	320.4313	Right of Way Out
Helechawa	Vancleve Circuit	275.1357	Planned
Maggard	Lick Ck. Circuit	252.2979	Planned
Hot Mix	519 Circuit	250.8957	Right of Way Out
Crockett	Lenox Circuit	229.5007	Planned

System-Wide SAIFI, SAIDI, and CAIDI for the past 5 years, Includes T'Med

	2021	2022	2023	2024	2025
SAIFI	2.9104	2.6595	2.2158	2.5766	2.38686
SAIDI	2511.0391	382.7452	363.6448	481.3889	1437.364
CAIDI	862.78	143.92	164.1144	186.8311	602.1988

System-Wide SAIFI, SAIDI, and CAIDI for the past 5 years, Excludes T'Med

	2021	2022	2023	2024	2025
SAIFI	1.3721	1.5963	1.2479	1.4274	1.977
SAIDI	152.2485	153.4598	138.3854	158.2255	234.6558
CAIDI	110.96	121.2224	118.6471	110.8487	118.6929

Circuit Reporting

Circuits With SAIFI or SAIDI Value Higher Than 5 Year Average

Circuit Reporting

Substation # 2, Oakdale Substation, located on Highway 52 in Breathitt County.

Circuit # 1, Athol Circuit; this circuit serves areas of Athol, Highway 52, and Highland Rd.

This circuit has approximately 16.65 miles of line and has approximately 98 customers.

This circuit was cut out in 2016-2017

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Right of Way In	47%	43%
Right of Way Out	25%	40%
Animals	19%	11%
Equipment Fail	6%	4%
Planned	3%	1%

Circuit 5 Year Average SAIFI—.3188

Reporting Year, 2025, SAIFI—.3673

Circuit 5 Year Average SAIDI— 50.1681

Reporting Year, 2025, SAIDI—58.1249

We have a crew that cuts hot spots and works on right of way complaints produced by the consumers.

Circuit Reporting

Substation # 2, Oakdale Substation, is located on HWY 52 in Breathitt Co.

Circuit # 2, Highland Circuit; this circuit serves areas of Highland Rd, Rt 30 and Houston.

This circuit has approximately 63.7 miles of line and has approximately 355 consumers.

This circuit was cut out in 2016-2017.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Right of Way In	59%	77%
Right of Way Out	17%	4%
Equipment Fail	14%	13%
Planned	9%	3%

Circuit 5 Year Average SAIFI—0.3188

Reporting Year, 2025, SAIFI—.3673

Circuit 5 Year Average SAIDI—50.1681

Reporting Year, 2025, SAIDI—58.1249

We have a crew that cuts hot spots and works on right of way complaints produced by the consumers.

Circuit Reporting

Substation # 2, Oakdale Substation, located on Highway 52 in Breathitt County.

Circuit # 3, Elkatawa Circuit; this circuit serves areas of Highway 52, Route 30 and Wolverine.

This circuit has approximately 72.74 miles of line and has approximately 768 consumers.

This circuit was cut out in 2016-2017.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Right of Way Out	45%	46%
Equipment Fail	41%	47%
Planned	9%	4%
Animals	3%	2%
Unknown	2%	1%

Circuit 5 Year Average SAIFI—1.7406

Reporting Year, 2025, SAIFI—4.3741

Circuit 5 Year Average SAIDI—226.4349

Reporting Year, 2025, SAIDI—708.2159

We have no control over right-of-way outside of our cutting area, however, any danger trees that we see outside of our right-of-way, we will cut.

Circuit Reporting

Substation # 2, Oakdale Substation, located on Highway 52 in Breathitt County.

Circuit # 4, War Creek Circuit; this circuit serves areas of Highway 541 and Highway 52.

This circuit has approximately 49.83 miles of line and has approximately 417 consumers.

This circuit was cut out in 2016-2017.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Right-of-Way Outside	67%	73%
Animals	18%	19%
Unknown	7%	6%
Planned	6%	1%
Equipment Fail	1%	1%

Circuit 5 Year Average SAIFI—1.5863

Reporting Year, 2025, SAIFI—2.2190

Circuit 5 Year Average SAIDI—193.8410

Reporting Year, 2025, SAIDI—320.4313

We have no control over right-of-way outside of our cutting area, however, any danger trees that we see outside of our right-of-way, we will cut.

Circuit Reporting

Substation # 3, Helechawa Substation, located on Hwy 205 in Wolfe County, near exit 57 off Mountain Parkway.

Circuit # 1, Hazel Green Circuit; this circuit serves areas of Highway 205, Highway 191, and Hazel Green

This circuit has approximately 101.86 miles of line and has approximately 711 consumers.

This circuit was cut out in 2017-2019.

Causes and percentages for this circuit:

Cause	SAIFI	SAIDI
Unknown	66%	59%
Consumer Caused	15%	18%
Planned	11%	15%
Animals	7%	5%
Right of way In	1%	1%

Circuit 5 Year Average SAIFI—0.7822

Reporting Year, 2025, SAIFI—1.5610

Circuit 5 Year Average SAIDI—69.7650

Reporting Year, 2025, SAIDI—121.0410

We will have to do more research to find a cause of line being out.

Circuit Reporting

Substation # 3, Helechawa Substation, located on Hwy 205 in Wolfe County.

Circuit # 2, Cannel City Circuit; this circuit serves areas of Upper Stacy Fork, Cannel City, Johnson Fork, Adele and Cow Creek.

This circuit has approximately 124.20 miles of line and has approximately 833 consumers.

This circuit was cut out in 2017-2019.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Right of Way Out	76%	90%
Planned	19%	5%
Right of Way In	3%	4%
Unknown	1%	0%
Animals	1%	0%

Circuit 5 Year Average SAIFI—1.6828

Reporting Year, 2025, SAIFI—2.2989

Circuit 5 Year Average SAIDI—241.2102

Reporting Year, 2025, SAIDI—679.2340

We have no control over right-of-way outside of our cutting area, however, any danger trees that we see outside of our right-of-way, we will cut.

Circuit Reporting

Substation # 3: Helechawa Substation, located on Hwy 205 in Wolfe County, near exit 57 off Mountain Parkway.

Circuit # 3, Vancleve Circuit; this circuit serves the areas of Highway 205, Highway 15 and 5 mile.

This circuit has approximately 79.59 miles of line and serves approximately 565 consumers.

This circuit was cut out in 2017 -2019.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Planned	41%	37%
Unknown	23%	23%
Equipment Fail	17%	20%
Right of Way In	12%	13%
Right of Way Out	3%	2%
Consumer Caused	2%	3%
Animals	1%	3%

Circuit 5 Year Average SAIFI—1.9940

Reporting Year, 2025, SAIFI—2.7171

Circuit 5 Year Average SAIDI—224.2092

Reporting Year, 2025, SAIDI—275.1357

In order for necessary repairs to be made safely, the power had to be turned off until all repairs were completed.

Circuit Reporting

Substation # 4, Hot Mix Substation, located on Sugar Camp Road in Morgan County.

Circuit # 2; Liberty Road Circuit; Liberty Rd, and Rt 7.

This circuit has approximately 15.04 miles of line and serves approximately 120 consumers.

This circuit was cut out in 2019-2020.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Unknown	32%	35%
Animals	25%	33%
Equipment Fail	22%	14%
Planned	21%	17%

Circuit 5 Year Average SAIFI—.3459

Reporting Year, 2025, SAIFI—.6000

Circuit 5 Year Average SAIDI—24.9396

Reporting Year, 2025, SAIDI—35.7831

We will have to do more research to find a cause of line being out.

Circuit Reporting

Substation # 4, Hot Mix Substation, located on Sugar Camp Road in Morgan County.

Circuit # 4; 519 Circuit; this circuit serves areas of HWY 772, HWY 1002, HWY 519, Frank Blevins Rd., Hickory Rd, Zag Rd.

This circuit has approximately 123.98 miles of line and serves approximately 910 consumers.

This circuit was cut out in 2019-2020.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Right of Way Out	51%	79%
Planned	43%	14%
Equipment Fail	3%	1%
Unknown	1%	2%
Animals	1%	2%
Right of Way In	1%	1%

Circuit 5 Year Average SAIFI—1.4331

Reporting Year, 2025, SAIFI—3.0900

Circuit 5 Year Average SAIDI—136.5835

Reporting Year, 2025, SAIDI—250.8957

We have no control over right-of-way outside of our cutting area, however, any danger trees that we see outside of our right-of-way, we will cut.

Circuit Reporting

Substation # 5; Maggard Substation, located on Rt 1081 at Coon Creek in Magoffin County.

Circuit # 2, Flat Fork Circuit; this circuit serves areas of Coon Creek, Mud Lick, Flat Fork, Mine Fork and Litteral.

This circuit has approximately 54.63 miles of line and serves approximately 596 consumers.

This circuit was cut out in 2013 & 2014.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Right of Way In	64%	58%
Planned	15%	15%
Unknown	11%	15%
Animals	5%	4%
Equipment Fail	4%	7%
Right of Way Out	1%	1%

Circuit 5 Year Average SAIFI—1.6832

Reporting Year, 2025, SAIFI—1.6323

Circuit 5 Year Average SAIDI—227.1190

Reporting Year, 2025, SAIDI—229.3114

We have a crew that cuts hot spots and works on right of way complaints produced by the consumers.

Circuit Reporting

Substation # 5, Maggard Substation, located on Rt. 1081 at Coon Creek in Magoffin County.

Circuit # 3; Lick Creek Circuit, this circuit serves areas of Lick Creek Road, Buffalo, Brushy Fork, and Cripple Creek.

This circuit has approximately 63.61 miles of line and serves approximately 600 consumers.

This circuit was cut out in 2013 & 2014.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Planned	69%	67%
Right of Way In	12%	12%
Unknown	7%	6%
Right of Way Out	6%	9%
Animals	4%	3%
Consumer Caused	2%	1%

Circuit 5 Year Average SAIFI—1.4750

Reporting Year, 2025, SAIFI—2.0650

Circuit 5 Year Average SAIDI—166.8548

Reporting Year, 2025, SAIDI—252.2979

In order for necessary repairs to be made safely, the power had to be turned off until all repairs were completed.

Circuit Reporting

Substation # 6, Sublett Substation, located on Rt.7 near Royalton in Magoffin County.

Circuit # 1; Carver Circuit; this circuit serves areas of Sublett, Stinson, Foraker and Hendricks.

This circuit has approximately 91.57 miles of line and serves approximately 705 consumers.

This circuit was cut out in 2025-Present

Causes and percentages for this circuit.

Cause	%SAIFI	%SAIDI
Equipment Failure	40%	33%
Right of Way Out	23%	26%
Right of Way Crew	16%	17%
Unknown	9%	8%
Planned	7%	11%
Consumer Caused	3%	3%
Animals	2%	3%

Circuit 5 Year Average SAIFI—2.6760

Reporting Year, 2025, SAIFI—5.0580

Circuit 5 Year Average SAIDI—267.6401

Reporting Year, 2025, SAIDI—477.7749

Equipment fail is out of our control.

Circuit Reporting

Substation # 6, Sublett Substation, located on Rt 7 near Royalton in Magoffin County.

Circuit # 2; Lakeville Circuit; this circuit serves areas of Rt. 7, Lakeville, Mill Br, Far Middle Fork and Route 30.

This circuit has approximately 67.59 miles of line and serves approximately 629 consumers.

This circuit was cut out in 2024-2025

Causes and percentages for this circuit:

Cause	SAIFI	SAIDI
Equipment Fail	54%	66%
Planned	16%	9%
Right of Way Out	15%	17%
Right of Way Crew	6%	2%
Animals	1%	1%

Circuit 5 Year Average SAIFI—1.0653

Reporting Year, 2025, SAIFI—1.7366

Circuit 5 Year Average SAIDI—183.9968

Reporting Year, 2025, SAIDI—224.0126

Equipment fail is out of our control.

Circuit Reporting

Substation # 7, Campton Substation, located on Rt 15 in Campton, Wolfe County.

Circuit # 3, Vortex Circuit, this circuit serves areas of Hwy 15, Flat Mary, Big Bloody and Bethany.

This circuit has approximately 94.58 miles of line and serves approximately 565 consumers.

This circuit was cut out in 2015 & 2016.

Causes and percentages for this circuit:

Causes	% SAIFI	% SAIDI
Planned	52%	22%
Right of Way Out	25%	41%
Right of Way In	18%	34%
Unknown	2%	1%
Animals	1%	1%
Equipment Fail	1%	0%
Consumer Caused	1%	0%

Circuit 5 Year Average SAIFI—2.9708

Reporting Year, 2025, SAIFI—2.6062

Circuit 5 Year Average SAIDI—342.8607

Reporting Year, 2025, SAIDI—485.1885

In order for necessary repairs to be made safely, the power had to be turned off until all repairs were completed.

Circuit Reporting

Substation # 8, Index Substation, located on Rt 191 at Index in Morgan County.

Circuit # 1, Caney Circuit, this circuit serves areas of Malone, Stacy Fork, Vance Fork, and Caney.

This circuit has approximately 47.64 miles of line and serves approximately 423 consumers.

This circuit was cut out in 2021-2022.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Right of Way Out	79%	88%
Planned	11%	6%
Equipment Fail	8%	4%
Animals	2%	1%

Circuit 5 Year Average SAIFI—.9673

Reporting Year, 2025, SAIFI—1.2571

Circuit 5 Year Average SAIDI—70.0406

Reporting Year, 2025, SAIDI—83.9815

In order for necessary repairs to be made safely, the power had to be turned off until all repairs were completed.

Circuit Reporting

Substation # 9, Maytown Substation, located on Rt 1010 in Morgan County.

Circuit # 1, Ezel Circuit; this circuit serves areas of Ezel, Greasy, Little Blackwater, Hwy 772 and Upper Long Branch.

This circuit has approximately 119.84 miles of line and serves approximately 828 consumers.

This circuit was cut out in 2014-2015.

Causes and percentages for this circuit;

Cause	% SAIFI	% SAIDI
Right of Way In	42%	30%
Animals	41%	60%
Planned	14%	8%
Right of Way Out	3%	2%

Circuit 5 Year Average SAIFI—1.1771

Reporting Year, 2025, SAIFI—2.5470

Circuit 5 Year Average SAIDI—94.3693

Reporting Year, 2025, SAIDI—186.8598

We have a crew that cuts hot spots and works on right of way complaints produced by the consumers.

Circuit Reporting

Substation # 9, Maytown Substation, located on Rt. 1010 in Morgan County.

Circuit # 2; Hazel Green Circuit; this circuit serves areas of Rt 1010, Murphy Fork, Swango Fork, Maytown, Valeria and Big Branch.

This circuit has approximately 59.39 miles of line and serves approximately 339 consumers.

This circuit was cut out in 2014-2015.

Causes and percentages for this circuit;

Cause	% SAIFI	% SAIDI
Planned	80%	87%
Right of Way In	11%	4%
Right of Way Out	4%	4%
Fire	3%	1%
Animals	1%	1%
Unknown	1%	1%
Equipment Fail	1%	0%

Circuit 5 Year Average SAIFI—1.4373

Reporting Year, 2025, SAIFI—1.4273

Circuit 5 Year Average SAIDI—159.0356

Reporting Year, 2025, SAIDI—188.9622

In order for necessary repairs to be made safely, the power had to be turned off until all repairs were completed.

Circuit Reporting

Substation # 9, Maytown Substation, located on Rt. 1010 in Morgan County.

Circuit # 3, Pomeroyton Circuit; this circuit serves areas of Rt. 1010, Pine Branch, Landsaw, Long Branch, Pomeroyton and Broke Leg.

This circuit has approximately 62.61 miles of line and serves approximately 422 consumers.

This circuit was cut out in 2014-2015.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Planned	69%	35%
Right of Way Out	8%	21%
Unknown	7%	15%
Right of Way Crew	5%	0%
Consumer Caused	5%	13%
Animals	4%	7%
Equipment Fail	1%	4%

Circuit 5 Year Average SAIFI—1.8488

Reporting Year, 2025, SAIFI—2.0682

Circuit 5 Year Average SAIDI—188.5110

Reporting Year, 2025, SAIDI—118.5788

In order for necessary repairs to be made safely, the power had to be turned off until all repairs were completed.

Circuit Reporting

Substation # 10, Crockett Substation, located on Hwy 172 in Morgan County.

Circuit # 1; Lenox Creek Circuit; this circuit serves areas of parts of 172, Straight Ck., Conley Branch.

This circuit has approximately 27.08 miles of line and serves approximately 186 consumers.

This circuit was cut out 2020-2021.

Causes and percentages for this circuit:

Cause	% SAIFI	% SAIDI
Planned	76%	59%
Right of Way In	20%	40%
Right of Way Out	3%	1%
Animals	3%	8%

Circuit 5 Year Average SAIFI—0.4752

Reporting Year, 2025, SAIFI—1.5001

Circuit 5 Year Average SAIDI—57.2341

Reporting Year, 2025, SAIDI—229.5007

In order for necessary repairs to be made safely, the power had to be turned off until all repairs were completed.

Vegetation Management Plan

Licking Valley Rural Electric Cooperative Corporation has an aggressive vegetation program and has contracted B M C Contracting to address our cooperatives right-of-way requirements. Our cooperative likes to maintain a sixty (60) foot ground to sky right-of-way clearance on new and existing accounts; however, some variety in right-of-way clearance is based on geography/terrain, line voltages and property owner issues. At this time BMC Contracting is contracted to cut or trim on each side of the lines no less than 20 feet and no more than 30 feet and at least 4 foot below the neutral. Secondary lines have 4-foot swing path cut. If needed another crew is used to take care of call-ins and hot spots.

LVRECC is currently working on a ten (10) year rotation cycle. BMC Contracting has a crew that is cutting each substation by circuit. They also have an hourly crew that cuts hot spots, new right-of-way, danger trees and consumer reports. Yard trees are dealt with on a case-by-case basis and will be trimmed as much as homeowner will allow (4 foot minimum below our neutral) or taken down if they will agree. In addition to BMC; the cooperative has a bush hog that is used for right-of-way clearing when time allows. The cooperative has a right-of-way foreman that oversees BMC contacting crews. BMC Contracting primarily does our Herbicide Treatment, mostly in the months of May through September. As time allows the cooperative also does some Herbicide Treatment and uses skid steer to bushhog Right of Way.