



# Big Sandy Rural Electric Cooperative Corporation

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Paintsville, Kentucky 41240-1422  
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Toll Free (888) 789-RECC (7322)

April 4, 2023

Linda Bridwell  
Public Service Commission  
211 Sower Blvd  
Frankfort KY 40602-0615

RE: 2023 Annual Distribution Reliability Report

Dear Honorable Executive,

Big Sandy RECC is filing this report in accordance with PSC requirements. Attached is Big Sandy's 2023 Annual Distribution Reliability Report. Please contact me with any questions.

Sincerely,

A handwritten signature in black ink that reads "Jeff Prater".

Jeff Prater  
Interim President and General Manager  
Big Sandy RECC

Enclosures



# KENTUCKY PUBLIC SERVICE COMMISSION

Excluding MED

|       | 5 YEAR AVERAGE |       | REPORTING YEAR |
|-------|----------------|-------|----------------|
| SAIDI | 627.52         | SAIDI | 883.224        |
| SAIFI | 3.73           | SAIFI | 4.047          |

Including MED

|       | 5 YEAR AVERAGE |       | REPORTING YEAR |
|-------|----------------|-------|----------------|
| SAIDI | 2093.40        | SAIDI | 1315.0         |
| SAIFI | 4.55           | SAIFI | 4.534          |

Notes:

- 1) All duration indices (SAIDI) are to be reported in units of minutes.
- 2) Reports are due on the first business day of May of each year
- 3) Reports cover the calendar year ending in the December before the reports are due.
- 4) IEEE 1366 (latest version) is used to define SAIDI, SAIFI, and TMED

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## SECTION 5: CIRCUIT REPORTING

(CIRCUITS WITH SADI AND/OR SAIFI EXCEEDING 5 YEAR  
AVERAGE) (CIRCUIT NUMBERS SHOULD BE REPORTED  
EXCLUDING MED)

CIRCUIT :

1. SUBSTATION NAME AND NUMBER
2. SUBSTATION LOCATION (COUNTY-ROAD-TOWN)
3. CIRCUIT NAME AND NUMBER
4. CIRCUIT LOCATION (TOWN-ROAD-GENERAL AREA)
5. TOTAL CIRCUIT LENGTH (MILES)
6. CUSTOMER COUNT FOR THIS CIRCUIT
- 7.. DATE OF LAST CIRCUIT TRIM (VM)

# KENTUCKY PUBLIC SERVICE COMMISSION

8. LIST OUTAGE CAUSES FOR CIRCUIT ALONG WITH PERCENTAGE OF TOTAL OUTAGE N NUMBERS REPRESENTED BY EACH CAUSE
9. CIRCUIT 5 YEAR AVERAGE (SAIDI)
10. REPORTING YEAR (SAIDI)
11. CIRCUIT 5 YEAR AVERAGE (SAFI)
12. REPORTING YEAR (SAIFI)
13. CORRECTIVE ACTION PLAN

REPEAT INFORMATION FOR EACH CIRCUIT EXCEEDING ITS 5 YEAR  
AVERAGE  
FOR SAIDI AND/OR SAFI

SEE ATTACHMENTS

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## SECTION 6: VEGETATION MANAGEMENT PLAN REVIEW

INCLUDE CURRENT VEGETATION MANAGEMENT  
PLAN Additional page may be attached as needed.

|                                    |
|------------------------------------|
| SEE ATTACHMENTS:      ATTACHMENT A |
|------------------------------------|

KENTUCKY PUBLIC SERVICE  
COMMISSION

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SECTION 7: UTILITY COMMENTS

A large, empty rectangular box with a thin black border, intended for utility comments. The box is positioned below the section header and occupies most of the upper half of the page. There is a small horizontal line extending from the right side of the box.



BIG SANDY RECC 2018 REPORTING OUTAGE CAUSES FOR CIRCUIT AND PERCENTAGES

SAIDI/ SAIFI

| ARKANSAS #655  | MILES-35 / MEMBERS-755 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|--|------------------------|---------|---------------------------|---------|
| Bill Wells-Substation(Floyd County) US 23, Prestonsburg KY |                        |         | 2023                      |         |
| SAIDI 2356.89 SAIFI 4.67                                   |                        |         |                           |         |
| Five Year Average: SAIDI 771.31 SAIFI 2.44                 |                        |         |                           |         |
| Maintenance  |                        | 42%     |                           | 42      |
| Cause Unknown  |                        | 24%     |                           | 24      |
| Other  |                        | 10%     |                           | 9       |
| Public   |                        | 9%      |                           | 8       |
| Equipment – Design   |                        | 7%      |                           | 6       |

CORRECTIVE ACTION:

Trimming of this circuit was completed in December 2023.

| COW CREEK #992                                       | MILES 62/ MEMBERS 1062 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|--|------------------------|---------|---------------------------|---------|
| Bill Wells-Substation(Floyd County) Prestonsburg, KY |                        |         | 2018                      |         |
| SAIDI 975.18 SAIFI 1.90                              |                        |         |                           |         |
| Five Year Average: SAIDI 508.46 SAIFI 2.38           |                        |         |                           |         |
| Maintenance  |                        | 44%     |                           | 41      |
| Unknown  |                        | 14%     |                           | 13      |
| Animals  |                        | 14%     |                           | 13      |
| EQUIPMENT – DESIGN                                   |                        | 8%      |                           | 7       |
| PUBLIC   |                        | 7%      |                           | 6       |

CORRECTIVE ACTION:

No action planned at this time.

| MOTEL #658   | MILES-2/MEMBERS-39 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|--|--------------------|---------|---------------------------|---------|
| Bill Wells Substation (Floyd County) US 23 Prestonsburg KY |                    |         |                           |         |
| SAIDI 224.16 SAIFI 1.05                                    |                    |         |                           |         |
| Five Year Average: SAIDI 112.92 SAIFI .67                  |                    |         |                           |         |
| <b>2018</b>  |                    |         |                           |         |
| Weather  |                    | 40%     |                           | 2       |
| Planned Outage   |                    | 20%     |                           | 1       |
| Unknown  |                    | 20%     |                           | 1       |
| Maintenance  |                    | 20%     |                           | 1       |

CORRECTIVE ACTION: This is a short distribution circuit. This circuit will be monitored, but no corrective action is planned at this time.

| BEECH FORK #416                                     | MILES-36/ MEMBERS-456 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|-----------------------|---------|---------------------------|---------|
| Jenny Wiley Substation (Floyd Co) KY Rt 3 Auxier KY |                       |         |                           |         |
| SAIDI 766.40 SAIFI 6.19                             |                       |         |                           |         |
| Five Year Average: SAIDI 517.06 SAIFI 3.41          |                       |         |                           |         |
| <b>2022</b>   |                       |         |                           |         |
| Maintenance   |                       | 33%     |                           | 19      |
| Unknown   |                       | 21%     |                           | 12      |
| Other   |                       | 16%     |                           | 9       |
| PUBLIC  |                       | 9%      |                           | 5       |
| ANIMALS   |                       | 9%      |                           | 5       |

CORRECTIVE ACTION: All the trim work on this circuit wasn't completed until 2023 and helicopter trimming was done in 2023 also.

| HOSPITAL #417                                       | MILES-2/ MEMBERS 83 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|---------------------|---------|---------------------------|---------|
| Jenny Wiley Substation (Floyd Co) KY Rt 3 Auxier KY |                     |         |                           |         |
| SAIDI 322.84 SAIFI 2.06                             |                     |         |                           |         |
| Five Year Average: SAIDI 66.18 SAIFI .48            |                     |         |                           |         |

**2023**

|              |     |   |
|--------------|-----|---|
| POWER SUPPLY | 67% | 2 |
| Unknown      | 33% | 1 |

CORRECTIVE ACTION: This is a short circuit that had only 3 outages. No action required at this time.

| MIDDLE CREEK #211                                     | MILES-32/MEMBERS-406 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|----------------------|---------|---------------------------|---------|
| Jenny Wiley Substation (Floyd Co) Rt 321 Prestonsburg |                      |         |                           |         |
| SAIDI 1125.43 SAIFI 7.93                              |                      |         |                           |         |
| Five Year Average: SAIDI 629.67 SAIFI 5.10            |                      |         |                           |         |

**2023**

|                    |     |    |
|--------------------|-----|----|
| Maintenance        | 44% | 24 |
| Unknown            | 15% | 8  |
| Other              | 9%  | 5  |
| Equipment - Design | 6%  | 3  |
| Public             | 6%  | 3  |

CORRECTIVE ACTION: Trimming on this circuit began in 2023 and is expected to be completed in 2024.



| BOONSCAMP #552  | MILES-31/ MEMBERS-331 |     | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|-----------------------|-----|---------------------------|---------|
| Martin Co Substation (Johnson Co) Rt 40 Whitehouse KY                 |                       |     |                           |         |
| SAIDI 603.09 SAIFI 1.61   |                       |     |                           |         |
| Five Year Average: SAIDI 442.79 SAIFI 1.95                            |                       |     |                           |         |
| <b>2014</b>   |                       |     |                           |         |
| Maintenance   |                       | 58% |                           | 28      |
| Unknown   |                       | 13% |                           | 6       |
| Weather   |                       | 10% |                           | 5       |
| Equipment – Design  |                       | 8%  |                           | 4       |
| Animals   |                       | 8%  |                           | 4       |
| CORRECTIVE ACTION: : This circuit is on our schedule to trim in 2025. |                       |     |                           |         |

| MILO #551  | MILES-15 /MEMBERS-294 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|--|-----------------------|---------|---------------------------|---------|
| Martin Co Substation (Johnson Co) Rt 40, Whitehouse KY                       |                       |         |                           |         |
| SAIDI 1228.19 SAIFI 4.35   |                       |         |                           |         |
| Five Year Average: SAIDI 810.27 SAIFI 3.67                                   |                       |         |                           |         |
| <b>2021</b>  |                       |         |                           |         |
| Maintenance  |                       | 33%     |                           | 9       |
| Unknown  |                       | 26%     |                           | 7       |
| Planned Outage   |                       | 19%     |                           | 5       |
| Power Supply   |                       | 15%     |                           | 4       |
| CORRECTIVE ACTION: This circuit was cut out in 2021. No action at this time. |                       |         |                           |         |

| WHITEHOUSE 550  | MILES-51/MEMBERS-481 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|----------------------|---------|---------------------------|---------|
| Martin Co Substation (Johnson Co) Rt 40, Whitehouse KY              |                      |         |                           |         |
| SAIDI 1757.80 SAIFI 8.14  |                      |         |                           |         |
| Five Year Average: SAIDI 984.82 SAIFI 7.02                          |                      |         |                           |         |
| <b>2013</b>   |                      |         |                           |         |
| Maintenance   |                      | 35%     |                           | 29      |
| Unknown   |                      | 17%     |                           | 14      |
| Power Supply  |                      | 16%     |                           | 13      |
| Public  |                      | 10%     |                           | 8       |
| Weather   |                      | 6%      |                           | 5       |
| CORRECTIVE ACTION: This circuit is on our schedule to trim in 2024. |                      |         |                           |         |

| GLYNVIEW #234   | MILES-1/MEMBERS-29 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|--------------------|---------|---------------------------|---------|
| Middle Creek Substation (Floyd Co) Rt 114 Prestonsburg KY |                    |         |                           |         |
| SAIDI 81.61 SAIFI 0.71                                    |                    |         | <b>2018</b>               |         |
| Five Year Average: SAIDI 630.23 SAIFI 5.42                |                    |         |                           |         |
| Maintenance   |                    | 68%     |                           | 4       |
| Weather   |                    | 16%     | 1                         |         |
| Unknown   |                    | 16%     | 1                         |         |

Corrective Action: Short circuit to shopping center, not action at this time.

| SALT LICK #308  | MILES-52/ MEMBERS-895 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|-----------------------|---------|---------------------------|---------|
| Middle Creek Substation (Floyd Co) Rt 114 Prestonsburg KY |                       |         |                           |         |
| SAIDI 799.80 SAIFI 5.58                                   |                       |         | <b>2015</b>               |         |
| Five Year Average: SAIDI 630.23 SAIFI 5.42                |                       |         |                           |         |
| Maintenance   |                       | 52%     |                           | 53      |
| Unknown   |                       | 13%     | 13                        |         |
| Planned Outage  |                       | 9%      | 9                         |         |
| Other   |                       | 6%      | 6                         |         |
| Equipment-Design  |                       | 5%      | 5                         |         |

Corrective Action: : This circuit is on our schedule to trim in 2025. Current work project to relocate 1500' of line away from the creek area to underground by roadway.

| SPURLOCK #311   | MILES-18/ MEMBERS-285 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|-----------------------|---------|---------------------------|---------|
| Middle Creek Substation (Floyd Co) Rt 114 Prestonsburg KY |                       |         |                           |         |
| SAIDI 1313.32 SAIFI 4.43                                  |                       |         | <b>2020</b>               |         |
| Five Year Average: SAIDI 524.02 SAIFI 2.69                |                       |         |                           |         |
| Maintenance   |                       | 65%     |                           | 29      |
| Equipment-Design  |                       | 8%      | 4                         |         |
| Other   |                       | 4%      | 2                         |         |
| Unknown   |                       | 4%      | 2                         |         |

Corrective Action: No action planned.

| TIGER MART #287   | MILES-12/MEMBERS-221 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|----------------------|---------|---------------------------|---------|
| Middle Creek-Substation (Floyd Co) Rt 114 Prestonsburg KY |                      |         |                           |         |
| SAIDI 1384.50 /SAIFI 6.04                                 |                      |         |                           |         |
| Five Year Average: SAIDI 594.21 SAIFI 3.81                |                      |         |                           |         |
|   |                      |         | <b>2015</b>               |         |
| Maintenance   |                      | 37%     |                           | 11      |
| Equipment-Design  |                      | 20%     |                           | 6       |
| Unknown   |                      | 10%     |                           | 3       |
| Planned Outage  |                      | 6%      |                           | 2       |

CORRECTIVE ACTION: Helicopter side trimmed and used topper saw on this circuit in 2023.

| WAL MART #591   | MILES-3/ MEMBERS-48 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|---------------------|---------|---------------------------|---------|
| Middle Creek Substation (Floyd Co) Rt 114 Prestonsburg KY |                     |         |                           |         |
| SAIDI 82.91 SAIFI 0.28                                    |                     |         |                           |         |
| Five Year Average: SAIDI 61.78 SAIFI .55                  |                     |         |                           |         |
|   |                     |         | <b>2020</b>               |         |
| Maintenance   |                     | 50%     |                           | 1       |
| Weather   |                     | 50%     |                           | 1       |

CORRECTIVE ACTION: The weather caused 50% of outage on this short circuit. No action planned.

| DENVER/HARGUS #256                                      | MILES-49/ MEMBERS-423 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|-----------------------|---------|---------------------------|---------|
| Red Bush Substation (Johnson County) Rt 469 Red Bush KY |                       |         |                           |         |
| SAIDI 1410.08 SAIFI 8.05                                |                       |         |                           |         |
| Five Year Average: SAIDI 1133.30 SAIFI 7.66             |                       |         |                           |         |
|   |                       |         | <b>2012</b>               |         |
| Maintenance   |                       | 32%     |                           | 10      |
| Planned Outage  |                       | 29%     |                           | 9       |
| Unknown   |                       | 26%     |                           | 8       |
| Weather   |                       | 3%      |                           | 1       |

CORRECTIVE ACTION: This circuit is on our schedule to trim in 2024.

| DECOY #1173   | MILES-42/ MEMBERS-660 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|-----------------------|---------|---------------------------|---------|
| Salt Lick Substation (Knott County) KY Hwy 2029 Hueysville KY |                       |         |                           |         |
| SAIDI 3643.36 SAIFI 11.36                                     |                       |         | 2016                      |         |
| Five Year Average: SAIDI 1992.88 SAIFI 6.79                   |                       |         |                           |         |
| Maintenance   |                       | 61%     |                           | 23      |
| Unknown   |                       | 13%     |                           | 5       |
| Other   |                       | 11%     |                           | 4       |
| Planned Outage  |                       | 8%      |                           | 3       |

CORRECTIVE ACTION: We have cut out hot spots over the past three years. This circuit has large sections that is densely populated with foliage and trees.

| ROCK FORK #679  | MILES-22/ MEMBERS-378 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|-----------------------|---------|---------------------------|---------|
| Salt Lick Substation (Knott County) KY Hwy 2029 Hueysville KY |                       |         |                           |         |
| SAIDI 748.91 SAIFI 3.13                                       |                       |         | 2017                      |         |
| Five Year Average: SAIDI 409.95 SAIFI 2.52                    |                       |         |                           |         |
| Maintenance   |                       | 59%     |                           | 17      |
| Planned Outage  |                       | 14%     |                           | 4       |
| Other   |                       | 7%      |                           | 2       |
| Unknown   |                       | 7%      |                           | 2       |

CORRECTIVE ACTION:  
No action is planned.

| Rt Mine #169  | MILES-9/ MEMBERS-84 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|---|---------------------|---------|---------------------------|---------|
| Salt Lick Substation (Knott County) KY Hwy 2029 Hueysville KY |                     |         |                           |         |
| SAIDI 543.99 SAIFI 2.83                                       |                     |         | 2017                      |         |
| Five Year Average: SAIDI 315.65 SAIFI 2.04                    |                     |         |                           |         |
| Power Supply  |                     | 38%     |                           | 5       |
| Unknown   |                     | 31%     |                           | 4       |
| Maintenance   |                     | 23%     |                           | 3       |
| Weather   |                     | 8%      |                           | 2       |

CORRECTIVE ACTION: Main outage was due to power supply. We will monitor this circuit, but no additional action at this time.

| Rehab #107                                   | MILES-9/ MEMBERS-280 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|--|----------------------|---------|---------------------------|---------|
| Thelma Substation (Johnson County) Thelma KY |                      |         |                           |         |
| SAIDI  | 796.97 SAIFI 2.97    |         |                           |         |
| Five Year Average: SAIDI 363.47 SAIFI 1.92   |                      |         |                           |         |
| <b>2016</b>                                  |                      |         |                           |         |
| Maintenance                                  |                      | 33%     |                           | 7       |
| Animals                                      |                      | 24%     |                           | 5       |
| Equipment-Design                             |                      | 10%     |                           | 2       |
| Other  |                      | 10%     |                           | 2       |
| Planned Outage                               |                      | 10%     |                           | 2       |

CORRECTIVE ACTION:  
No action is planned.

| RIVER #62                                    | MILES-39/ MEMBERS-547 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
|--|-----------------------|---------|---------------------------|---------|
| Thelma Substation (Johnson County) Thelma KY |                       |         |                           |         |
| SAIDI  | 1908.30 SAIFI 5.10    |         |                           |         |
| Five Year Average: SAIDI 652.74 SAIFI 3.32   |                       |         |                           |         |
| <b>2019</b>                                  |                       |         |                           |         |
| Maintenance                                  |                       | 43%     |                           | 28      |
| Unknown                                      |                       | 15%     |                           | 10      |
| Animals                                      |                       | 15%     |                           | 10      |
| Planned Outage                               |                       | 8%      |                           | 5       |
| Equipment-Design                             |                       | 8%      |                           | 5       |

CORRECTIVE ACTION: We have side trimmed with helicopter and cut out hot spots within the past 2 years. No additional action is planned at this time.

|   |                        |         |                           |         |
|---|------------------------|---------|---------------------------|---------|
| THELMA #392   | MILES-76/ MEMBERS-1030 | PERCENT | DATE OF LAST CIRCUIT TRIM | OUTAGES |
| Volga Substation (Johnson County) KY Rt 172 Stone Coal KY |                        |         |                           |         |
| SAIDI 455.74 SAIFI 4.22                                   |                        |         |                           |         |
| Five Year Average: SAIDI 379.73 SAIFI 3.26                |                        |         |                           |         |

2019

|               |     |    |
|---------------|-----|----|
| Maintenance   | 43% | 37 |
| Unknown       | 15% | 13 |
| Planned Outge | 14% | 12 |
| Other         | 9%  | 8  |
| Weather       | 4%  | 4  |

CORRECTIVE ACTION:

No action is planned.

## ATTACHMENT A



# Big sandy RECC Right-of-Way Plan and Procedures February 2024

Big Sandy RECC has 968 GPS miles of distribution line.

Big Sandy's Right-of-Way plan is designed to establish a systematic and sustainable maintenance schedule. Right-of-Way clearing is being scheduled on individual feeder circuits from each substation with clearing to the end of each feeder.

Circuit cutting is being scheduled based on the time since last circuit clearing, reliability numbers and complete system clearing. Spraying is scheduled with a goal of 4-year rotation.

Spraying of vines that overtake poles and guys is a part of Big Sandy's vegetation Plan.

Big Sandy RECC plans to utilize hourly paid and firm price contracts for all right of way cutting and herbicide application.

### Circuit Prioritization

Big Sandy's staff is responsible for establishing a preventative maintenance strategy, identifying an appropriate routine maintenance cycle, prioritizing, scheduling and completing routine maintenance systematically and on the desired cycle.

Vegetation maintenance records, service interruption data, detailed Line Worker Reports, ground patrols and member-customer input all contribute to assigning priorities for vegetation maintenance each year.

There are several factors the Big Sandy's staff must consider when evaluating vegetation management needs. These include the frequency of service interruptions, vegetation quantities and characteristics, time elapsed since last treatment and member-customer requests.

### Right-of-Way Clearance Standards

1. Pruning Guidelines for On-R/W Trees - Effective tree clearance for line reliability is dependent on the voltage of the conductor, the type of tree, its growth rate and habit. Clearance shall be accomplished by ground cutting and removing all tall-growing tree species from within the R/W, whenever approved. Where pruning of residential or landscape trees

become necessary, prune so as to provide a minimum of three (3) years of clearance. The guidelines for tree clearances apply at the time of pruning and clearing and are intended to protect the wires under normal operating conditions. Special clearances may be needed at times because of field conditions. Additional allowance should be made for wires with excess sag.

2. Pruning Along Distribution R/W Edge or Off-R/W Trees - Every tree shall be trimmed ground-to-sky in accordance with ANSI A-300. To the extent practicable, these limbs shall be trimmed back to the trunk of the tree except on species that are susceptible to sun scald.  
Clear the R/W of all trees or brush thirty-five (35) feet wide for three phase lines and thirty (30) feet wide for single phase lines.
3. Shaping or rounding-over trees beyond the extent required to achieve the desired conductor/vegetation clearance shall not be performed, unless specifically approved by BIG SANDY or it's REPRESENTATIVE.
4. Only trees that are directly involved with BIG SANDY's overhead lines, as defined by this specification shall be pruned. Pruning trees for privately owned lines, other utility lines, or consumer lines or wiring is not permitted.
5. On all secondary lines and service drops, as directed by BIG SANDY or its REPERSENTATIVE, drops shall be cleared to the extent that the conductor can swing free of obstructions.
6. Big Sandy shall not prune trees solely for area lighting illumination.
7. All low growing desirable species, if present, may be left unless:
  - a. they create clearance problems,
  - b. mechanical, non-selective equipment (e.g. mowing) is used, or
  - c. they block access to the rights-of-way or prevent facilities maintenance.
8. Ingested wilting foliage of wild cherry is poisonous to livestock. Remove all wild cherry foliage from fields where livestock graze.
9. All stumps from manual clearing operations shall be treated with herbicides approved by BIG SANDY.

Jeff Prater,

VP Operations