West Florida Electric Cooperative Association, Inc.
Report to the Florida Public Service Commission Pursuant to Rule 25-6.0343, F.A.C.
Calendar Year 2020

1) **West Florida Electric Cooperative Association, Inc. (WFEC)** is a non-profit Touchstone Energy® Cooperative owned by its members and locally operated. WFEC serves approximately 28,150 active meters, providing dependable electricity and other services at competitive prices in Calhoun, Holmes, Jackson and Washington Counties in Northwest Florida.

   Established in 1937, WFEC is headquartered at 5282 Peanut Road in Graceville, Florida, and maintains district offices in Bonifay and Sneads. WFEC's service area is divided into nine (9) districts, each represented by a member-elected trustee

   WFEC receives wholesale power from PowerSouth Energy Cooperative, a generation and transmission cooperative, based in Andalusia, Alabama. PowerSouth is wholly owned by WFEC and the 19 other distribution cooperatives and municipalities it serves in Alabama and in Northwest Florida. Two (2) WFEC delegates, along with representatives from PowerSouth's other member systems, participate in the management of PowerSouth's policies, rules and regulations and the establishment of rates, terms and conditions affecting the wholesale power supply.

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2) The number of meters served in calendar year 2020 was 27,876.

3) Standards of Construction:

   a) National Electric Safety Code Compliance:

      Construction standards, policies, guidelines, practices, and procedures at WFEC comply with the National Electrical Safety Code (ANSI-C2) current edition, USDA RUS Bulletin 1728F-803 Specifications and Drawings for 24.9/14.4 Line Construction and USDA RUS

Bulletin 1728-806 Specifications and Drawings for Underground Electric Distribution. Ten (10) percent of all construction is randomly sampled and inspected by a third-party engineering consulting firm. Results of inspections are reported to the USDA Rural Utilities Service and to WFEC's Staff Engineer; Also, FPSC staff randomly samples and inspects a portion of construction. In both cases, corrections, if any, are made and the Staff Engineer provides feedback to construction crews and staking technicians to ensure Compliance.

b) Extreme Wind Loading Standards:

WFEC complies with the current edition of the NESC particularly 250c Extreme Wind Loading (with Figure 252-2(d) and 250d Extreme Ice with Concurrent Wind Loading.

c) Flooding and Storm Surges:

WFEC is a non-coastal utility; therefore, storm surge is not an issue. Some areas in WFEC's territory are subject to flooding, however, past flooding had little effect on the system. In these areas, line design is modified to compensate for known flooding conditions.

d) Safe and Efficient Access of New and Replacement Distribution Facilities:

Electrical construction standards, polices, guidelines, practices, and procedures at WFEC provide for placement of new and replacement distribution facilities so as to facilitate safe and efficient access for installation and maintenance. Wherever new facilities are placed (i.e., front, back or side of property), all facilities are installed so that WFEC's facilities are accessible by its crews and vehicles to ensure proper maintenance/repair is performed as expeditiously and safely as possible. WFEC decides on a case-by-case basis whether existing facilities need to be relocated. If it is determined that facilities need to be relocated, they will be placed in the safest, most accessible area available. All underground facilities are designed with loop feeds. Safety is determined by NESC (current edition) guidelines and common sense.

e) Attachments by Others:

Electrical construction standards, policies, guidelines, practices and procedures at WFEC include written safety, pole reliability, pole loading capacity, and engineering standards and procedures for attachments by others to the utility's distribution poles. Quarterly pole line inspections are done for newly constructed jobs. The inspections encompass all pole line construction criteria. General inspections are currently done on an eight (8) year cycle.

4) Facility Inspections:

a) A WFEC utilizes RUS Bulletin 1730B-121 as its guideline for a continuing program of pole maintenance and inspection. Prior to Hurricane Michael, WFEC inspected 7% of its system. Out of the 7% inspected, 5% required maintenance or replacement.

b) WFEC suspended its pole inspection program in 2019 to concentrate on repairing the damage caused by Hurricane Michael. WFEC projects to restart the program in 2022.

5) Vegetation Management

a) WFEC has a vegetation management program which encompasses ground to sky side trimming along with mechanical mowing and tree removal.

b) During the 2020 year, WFEC mowed and side trimmed 720 miles of its distribution system. Out of that number, approximately 6% is three-phase distribution circuits with the remainder being single-phase circuits. During the 2019 year, WFEC chemically sprayed 0 miles of right of way.

Yearly Outage Information for 2020

Outage Data Actual

Total Number of Customers Served	27,876
Total Number of Consumer Hours	348,359.37
Total Number of Consumer Minutes	20,901,562
Total Number of Customers Affected	111,709
CAIDI – Customer Average Interruption Duration Index	80.15
SAIDI – System Average Interruption Duration Index	752.57
SAIFI – System Average Interruption Frequency Index	4.01
Outage Event Duration for All Outage Events (Hours)	9,405.00
Divided by Total Number of Service Interruptions	3,299
L-Bar (Hours)	2.85
L-Bar (Minutes)	171.05

Outage Data Without Major Event Days

Number of Major Event Days	4
Total Number of Consumer Hours	126,334.80
Total Number of Consumer Minutes	7,580,088
Total Number of Customers Affected	73,113
CAIDI – Customer Average Interruption Duration Index	76.85
SAIDI – System Average Interruption Duration Index	271.42
SAIFI – System Average Interruption Frequency Index	2.61
Outage Event Duration for All Outage Events	4,050.00
Divided by Total Number of Service Interruptions	2,589
L-Bar (Hours)	1.56
L-Bar (Minutes)	93.86

All Data Below are in Minutes

Power Supplier SAIDI – System Average Interruption Duration Index	0
MEDI SAIDI – System Average Interruption Duration Index	18.78
Planned SAIDI – System Average Interruption Duration Index	1.89
Other SAIDI – System Average Interruption Duration Index	805.29
Total	825.96