

Once an SR TRIM is turned over to Vegetation Management, it becomes an SR VEGE. All SR VEGEs are inspected by trained tree trimming contractors for validity, and schedule the work accordingly.

ETI's tree trimming contractors are required to inspect, contact the customer, and complete all necessary work within a 10 business day commit timeframe.

16 TAC §25.96(e)(3) tree risk management program:

ETI's goal is to improve and promote long term distribution reliability and safety at a minimum cost by reducing the number of defective trees from falling near or into electrical distribution facilities. ETI's Vegetation Tree Risk Management program attempts to mitigate this threat by targeting:

- Dead trees with overhang
- Dead trees straight up or leaning toward the line
- Trees with a lean toward the line
- Trees uprooting toward the line
- Trees in decline, diseased or decaying (e.g.: lightning, base rotting, insect infestations or weakened)
- Broken limbs overhanging the line
- Bad crotch/Co-dominant stems that have branches overhanging the line or angle towards the line
- Dead branches on a live tree that overhangs the line
- Trees that are in imminent danger (e.g.: within one or two working days) of falling into a conductor, use the reactive process discussed above

16 TAC §25.96(e)(4) participation in continuing education by the utility's internal vegetation management personnel:

ETI's management supports all Vegetation Management OC's in obtaining credentials that support the continued advancement of Integrated Vegetation Management ("IVM"). Examples of this include: Arborist Certification, Texas Department of Agriculture Pesticide Certification, Utility Arborist Certification, Texas Vegetation Management Association involvement, Tree Risk Assessment Qualifications, and other industry trade qualification or associated education.

16 TAC §25.96(e)(5) estimate of the miles of circuits along which vegetation is to be trimmed or method for planning trimming work for the coming year:

Every circuit in the ETI has its own cycle. Cycles are calculated by determining the voltage, the amount of clearance obtained from last trim cycle, the percentage of fast growing tree species, Tree Species re-growth rates, vegetation-related outage information, other reliability metrics, and the last trim date. Target pruning cycles can range from two (2) to eight (8) years. Vegetation Personnel work with the state Vegetation Manager and

line personnel to adjust cycles to maximize reliability and/or customer satisfaction. In 2017, ETI plans to trim approximately 2,331 Distribution Line Miles.

16 TAC §25.96(e)(6) plan to remediate vegetation-caused issues on feeders which are on the worst vegetation-caused performing feeder list for the preceding calendar year's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI):

In the last Quarter of each year, ETI vegetation management will view all reliability data for the previous 12 month period on every ETI feeder. Through this process, ETI vegetation management will select the feeders that are responsible for 50% of the Customer Interruptions (SAIFI) and Customer Minute durations (SAIDI). The feeders chosen from this selection process makes up ETI's WOW feeder list (Worst of the Worst). Each OC has from January to March to inspect these feeders and determine the work that needs to be completed. Once the inspection is done, the work is handed off to ETI contractors, who have until June to complete the identified work.

16 TAC §25.96(e)(7) customer education, notification, and outreach practices related to vegetation management:

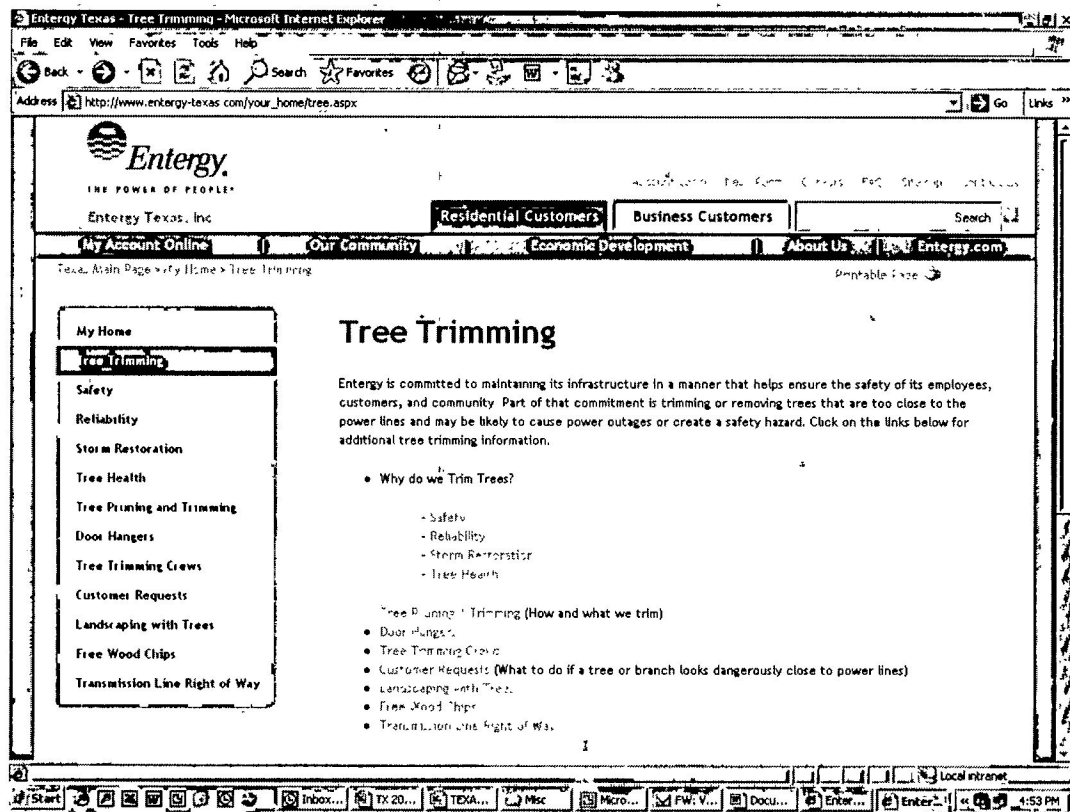
ETI employs a multi-tiered approach to customer contact and education with regard to Vegetation Management ("VM"), with the goal of keeping our customers informed. This includes:

A. Direct Customer (internal and external) Contact:

1. VM personnel maintain a working plan for all maintenance work to be completed within a calendar year. As a project is queued to begin, the VM field operative informs internal customers of the work scope via email.
2. Communications Specialists draft and circulate a news release with pertinent information in local newspapers and social media channels.
3. VM utilizes the Predictive Dialer process in order to initiate pre-recorded calls to all customers in the area affected by maintenance trimming, utilizing contact information on their accounts.
4. As the VM crews move into the work project area, they go door to door notifying customers of the impending work. If the customer is not at home, a green door hanger is left at the residence. A contact name and number is included on the card for customers with questions regarding their property.
5. To the extent the VM crews were unable to complete the daily cleanup, the orange door hanger is used to let the customer know when they will return to complete the cleanup.

6. For non-maintenance related customer concerns regarding vegetation, personal contact is attempted as well. However, if the customer cannot be contacted, the VM personnel still completes the site assessment and completes any work ETI is responsible for that can be completed at the time. If ETI needs to return another day for the work, the customer is notified of this. If the customer is not at home, a red door card is used to inform them of the site assessment and what has been done and/or needs to be completed, as well as who is responsible for completing the work.
7. During maintenance and non-maintenance customer visits, ETI VM personnel also use two booklets :
 1. Best Management Practices Series – Utility Pruning of Trees
 2. A tree planting guide created by Entergy entitled “What to Plant and Where to Plant it.” Both of these booklets are very helpful in educating the public.

B. Web-Based Communication: ETI maintains an extensive website to keep customers informed. This website can be viewed at:
http://www.entergy-texas.com/your_home/tree.aspx.



Topics covered at this site include:

1. Tree trimming: The reasons ETI maintains the vegetation within and around the right of way (“ROW”), which includes safety, reliability, storm restoration, and tree health.

2. Door hangers: Allows customers to verify the door card on their door is an actual ETI approved door card.
3. Tree trimming crews: Discusses the tree trimming contractors ETI employs.
4. Customer requests: How to contact an ETI representative regarding a tree concern.
5. Landscaping with trees: A request to LOOK UP before you plant.
6. Free wood chips: A great mulch alternative for free.
7. Transmission Line Right of Way: Discusses ETI's transmission line obligations.

C. Public Forum: ETI meets on a periodic basis with community leaders and public officials. The topics discussed in these meetings vary, and will include vegetation management when appropriate.

16 TAC §25.96(f)(2) 2016 Vegetation Implementation Summary:

(A) whether the utility met its vegetation maintenance goals and how its goals have changed for the coming calendar year based on the results:

- ETI met the goals listed on page 2. Goals set for the coming year will be based on the same measures.

(B) successes and challenges with the utility's strategy, including obstacles faced, such as property owner interference, and methods employed to overcome them:

- Continued funding allowed in 2016 for Hazard Tree work, was a proven success in improving reliability. Preplanning routine work alerts the property owners of upcoming work and mitigates many customer issues.

(C) the progress and obstacles to remediating issues on the vegetation-caused, worst performing feeders list as submitted in the preceding year's Report:

- Removing historic levels of dead trees allowed a positive performance from the preceding year.

(D) the number of continuing education hours logged for the utility's internal vegetation management personnel, if applicable:

- As stated on page 8 of this document, ETI's management supports all Vegetation Management OC's in obtaining credentials that support the continued advancement of IVM. Examples of this include but are not limited to: Arborist Certification, Texas Department of Agriculture

Pesticide Certification, Utility Arborist Certification, Texas Vegetation Management Association involvement, Tree Risk Assessment Qualifications, and other industry trade qualification or associated education. ETI Vegetation personnel are 100% compliant on all mandated training and achieved 49.25 hours of continuing education hours in 2016.

(E) the amount of vegetation management work the utility accomplished to achieve its vegetation management goals described in paragraph (1)(A) of this subsection:

- ETI completed 100% of the line miles planned in the 2016 cycle program. Reliability improved due to the removal of historic levels of hazard trees based on increased funding.

(F) the separate SAIDI and SAIFI scores for vegetation-caused interruptions for each month and as reported for the calendar year in its Service Quality Report filed pursuant to 16 TAC §25.52 of this title (relating to Reliability and Continuity of Service) and 16 TAC §25.81 of this title (relating to Service Quality Reports), at both the feeder and company level:

- See Attachment A for SAIDI
- See Attachment B for SAIFI

(G) the vegetation management budget, including, at a minimum:

(i) a single table with columns representing:

(I) the budget for each category and subcategory that the utility provided in the preceding year pursuant to paragraph

(1)(I) of this subsection, with totals for each category and subcategory;

(II) the actual expenditures for each category and subcategory listed pursuant to subclause (I) of this clause, with totals for each category or subcategory;

(III) the percentage of actual expenditures over or under the budget for each category or subcategory listed pursuant to subclause (I) of this clause; and

(IV) the actual expenditures for the preceding reporting year for each category and subcategory listed pursuant to subclause (I) of this clause, with totals for each category or subcategory:

<u>Category</u>	<u>Subcategory</u>	<u>2016</u> <u>Actuals</u>	<u>2016</u> <u>Budget</u>	<u>% Variance</u>	
				<u>(2016 Actuals</u> <u>vs Budget)</u>	<u>2017</u> <u>Budget</u>
Scheduled	Proactive Cycle Trim	\$6,093,841	\$6,001,104	1.5%	\$8,177,127
Unscheduled	Herbicide / Reactive	\$953,636	\$775,000	20.6%	\$700,000
Unscheduled	Skyline/Hazard Tree	\$525,123	\$856,410	-48%	\$500,000
	TOTAL – Vegetation Management	\$7,572,600	\$7,276,104	4%	\$9,377,127
Unscheduled	Herbicide / Reactive	\$41,982	\$0	100%	\$75,000
	TOTAL – including other ETI Depts	\$8,076,914	\$7,460,640	8.3%	\$9,452,127
Storm	Storm	\$2,437,363	-	100%	-
	GRAND TOTAL	\$10,051,945	\$7,276,104	32%	\$9,452,127

(ii) an explanation of the variation from the preceding year’s vegetation management budget where actual expenditures in any category or subcategory fell below 98 percent or increased above 110 percent of the budget for that category:

o ETI budgets vegetation maintenance categories and subcategories based on historic expenditures and performance with the goal of maximizing the reliability provided by the overall, total vegetation budget. Each year presents different challenges (i.e. amount of rainfall) that require adjustments or shifts between categories and/or subcategories to address these challenges. However the ultimate goal is provide a high level of reliability to our customers.

(iii) the total vegetation management expenditures divided by the number of electric points of delivery on the utility’s system, excluding service drops:

o $\$10,051,945 - \$2,437,363 / 443,995 = \$17.15$
(excludes storm reserves expenditures)

(iv) the total vegetation management expenditures, including expenditures from the storm reserve, divided by the number of customers the utility served:

o $\$10,051,945 / 443,995 = \22.64
(includes storm reserve expenditures)

(v) the vegetation management budget from the utility’s last base-rate case:

o ETI’s 2013 base-rate case filing included \$5,956,880 for O&M distribution vegetation management.

ATTACHMENT A

Entergy Texas, Inc.
 PROJECT NO. 41381 - \$25.96. Vegetation Management
 SAIDI scores for vegetation-caused interruptions by month at both the company and feeder level

Note: Results are for Distribution assets operating at less than 60 kV, for which ETI needs to perform vegetation maintenance. Thus results exclude substations, underground facilities, and service drops. Feeder list shows Distribution feeders on Texas System with 10 or more customers that had vegetation-caused interruptions.

2016 - Vegetation	2016 Veg SAIDI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
System SAIDI	27.5	0.6	2.7	2.5	4.0	3.2	3.3	1.3	3.1	2.6	0.9	1.7	1.6

ETI Feeders															
Substation Identification	Feeder Identification	Number of Customers	2016 Veg SAIDI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
ADAMS BAYOU	331AD	195	6.4	-	-	-	-	-	-	-	-	-	-	6.4	-
ADAMS BAYOU	332AD	556	0.1	-	-	-	-	-	-	-	-	-	0.1	-	-
Alden Bridge	762AL	6,435	13.2	-	0.4	-	4.1	0.9	0.3	0.0	1.2	0.9	0.9	4.4	0.0
Alden Bridge	765AL	1,247	3.9	0.7	-	-	1.5	-	0.4	-	0.5	-	-	0.2	0.7
AMELIA BULK	180AM	1,398	2.8	-	-	0.6	-	0.3	-	-	1.8	-	-	-	-
AMELIA BULK	181AM	2,293	0.6	-	-	-	-	-	-	0.3	0.3	-	-	-	-
AMELIA BULK	182AM	973	0.4	-	-	-	0.4	-	-	-	-	-	-	-	-
APOLLO	320AP	1,993	48.8	-	2.1	-	36.0	-	-	0.3	4.0	-	0.1	0.1	6.3
APOLLO	321AP	1,315	91.5	-	-	5.1	3.1	-	7.3	0.2	74.7	1.2	-	-	-
BATSON	53BAT	899	32.0	2.8	-	0.1	1.0	15.9	3.8	-	-	2.4	0.2	5.8	-
BAYSHORE	211BA	1,050	1.7	-	-	-	-	0.7	-	0.8	-	-	-	-	0.3
BAYSHORE	213BA	1,763	135.7	-	-	-	0.2	1.5	68.5	0.2	-	-	62.7	0.7	1.9
BENTWATER	520BW	1,954	13.0	2.0	-	-	0.2	0.6	0.4	-	-	-	2.1	4.2	3.6
BENTWATER	521BW	2,067	67.0	-	-	-	39.5	-	3.5	-	0.0	-	6.8	1.5	15.6
BEVIL	154BE	2,402	13.2	-	-	1.9	-	0.8	1.2	1.6	0.2	0.2	-	7.4	0.0
BEVIL	155BE	4,111	47.6	0.1	-	0.0	2.7	21.6	0.7	0.3	16.5	2.2	0.2	1.0	2.5
BEVIL	156BE	690	10.4	-	0.2	8.1	0.2	-	-	-	-	-	-	1.7	0.2
BRIARCLIFF	30BRC	2,395	13.6	-	0.4	-	7.3	0.7	2.3	-	0.7	1.4	-	0.4	0.3
BRIARCLIFF	31BRC	882	117.4	0.5	-	-	0.7	-	86.4	29.5	-	-	-	-	0.4
BRIARCLIFF	32BRC	1,259	23.8	-	-	-	0.3	14.3	3.5	-	5.0	-	0.2	0.6	-
BRIARCLIFF	33BRC	303	69.1	-	-	-	-	-	1.8	-	54.9	-	-	-	12.4
BRIDGE CITY	360BD	1,117	0.2	-	-	-	-	-	0.2	-	-	-	-	-	-
BRIDGE CITY	361BD	1,115	3.0	0.5	-	-	2.5	-	-	-	-	-	-	-	-
BRIDGE CITY	362BD	1,178	18.1	-	-	0.2	2.9	3.8	6.5	-	-	0.6	-	4.2	-
BRIDGE CITY	363BD	2,095	4.9	-	-	-	0.7	-	-	-	1.9	2.1	0.1	-	0.2
CALDWELL INDUSTRIAL	138CI	707	0.4	-	-	-	-	-	-	-	0.4	-	-	-	-
CALVERT	4CAL	2,163	62.1	-	0.1	42.3	2.1	6.1	3.6	4.4	2.7	0.0	0.2	0.3	0.3
CALVERT	6CAL	1,601	4.9	0.1	-	-	0.4	0.8	2.9	-	0.4	-	-	0.0	0.4
CENTRAL	130CE	737	0.1	-	-	-	-	-	-	-	0.1	-	-	-	-
CENTRAL	131CE	971	0.6	-	-	0.2	-	-	-	-	0.4	-	-	-	-
CENTRAL	132CE	1,810	0.8	-	-	-	-	0.6	-	-	-	-	0.3	-	-
CENTRAL	133CE	1,602	0.4	-	-	-	-	-	-	-	-	0.2	-	0.2	-
CHEEK	159CH	546	1.8	-	1.8	-	-	-	-	-	-	-	-	-	-
CHEEK	166CH	581	2.3	-	1.9	-	-	-	-	-	-	0.4	-	-	-
CHINA	92CHI	655	5.1	-	-	-	-	-	-	-	4.3	-	0.8	-	-
CHINA	93CHI	1,289	25.3	21.7	-	-	-	-	1.9	-	1.2	0.5	-	-	-
CLEVELAND (TX)	403CV	1,537	14.2	-	-	1.5	2.1	0.1	-	-	10.5	-	-	-	-
CLEVELAND (TX)	404CV	1,786	12.2	-	-	-	0.3	-	1.1	0.3	1.4	6.0	-	-	3.2
CLEVELAND (TX)	405CV	1,916	119.2	0.5	2.1	13.3	74.5	2.5	17.4	0.1	-	7.8	0.1	0.3	0.7
CLEVELAND (TX)	406CV	1,538	18.1	-	-	0.3	-	5.8	-	-	0.7	-	-	-	11.4
CLEVELAND (TX)	425CV	2,558	103.6	0.1	20.2	0.9	2.3	4.8	53.8	0.4	0.1	19.3	-	0.4	1.3
CLEVELAND (TX)	426CV	3,016	122.0	0.2	-	42.1	12.7	3.1	3.9	1.7	17.7	0.8	33.1	4.0	2.8
CONAIR	511CN	1,587	0.3	-	-	-	0.1	-	-	-	0.2	-	-	-	-
CONAIR	512CN	1,263	47.0	-	-	-	7.8	14.1	11.4	1.1	3.6	-	0.1	-	9.0
CONAIR	513CN	1,652	5.5	-	0.2	-	-	-	-	-	5.4	-	-	-	-
CONAIR	514CN	1,232	67.5	0.3	18.2	47.3	-	0.2	-	0.2	1.1	-	-	0.2	-
CONAIR	515CN	831	0.5	-	-	-	-	-	-	-	-	-	-	-	0.5
CONROE BULK	504CN	241	89.6	-	-	89.6	-	-	-	-	-	-	-	-	-
CONROE BULK	505CN	1,292	9.0	-	-	0.3	1.7	-	1.7	-	-	2.3	-	-	3.1
CONROE BULK	506CN	2,117	1.0	-	-	0.6	-	-	0.4	-	-	-	-	-	-
CONROE BULK	507CN	2,184	4.2	-	1.0	3.2	-	-	-	-	-	-	-	-	-
CONROE BULK	572CN	1,404	1.8	-	-	1.5	-	-	-	0.3	-	-	-	-	-
CONROE BULK	574CN	1,999	11.0	-	-	-	-	10.8	0.2	-	-	-	-	-	-
CONROE BULK	576CN	1,340	0.3	-	-	-	-	-	0.3	-	-	-	-	-	-
CONROE BULK	577CN	604	0.5	-	-	0.2	-	-	-	0.3	-	-	-	-	-
CORDREY	324CO	1,570	8.9	-	6.7	-	0.0	0.1	1.3	-	0.6	-	-	0.2	-
CORDREY	325CO	1,610	19.0	-	-	-	5.9	-	2.9	-	6.9	3.1	0.1	-	-
CORDREY	326CO	1,233	19.4	0.1	0.8	6.3	5.4	-	-	0.1	4.8	0.1	-	1.3	0.4

ATTACHMENT A

Substation Identification	Feeder Identification	Number of Customers	2016 Veg SAID	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
CORDREY	327CO	974	9.6	0.1	-	3.3	1.1	-	0.1	-	-	0.7	-	4.2	-
CORRIGAN BULK	238CR	611	68.3	-	2.4	64.7	-	-	-	-	1.1	-	-	-	-
CORRIGAN BULK	239CR	495	196.2	-	-	-	-	117.7	-	75.2	0.1	1.2	-	1.9	-
CROCKETT	195CR	980	1.6	-	-	-	-	1.6	-	-	-	-	-	-	-
CROCKETT	64CRK	1,013	6.3	-	-1	-	-	-	2.6	-	3.7	-	-	-	-
CROCKETT	65CRK	569	35.1	-	-	-	-	-	-	-	-	-	0.9	34.2	-
CROWDER	103CD	1,433	0.7	-	-	-	-	-	0.3	-	-	-	-	0.4	-
CROWDER	104CD	1,607	0.1	-	-	0.1	-	-	-	-	-	-	-	-	-
CROWDER	105CD	904	0.6	-	-	-	0.6	-	-	-	-	-	-	-	-
CRYSTAL	566CR	1,447	239.4	-	127.7	0.5	0.3	1.0	1.5	38.7	-	0.6	4.5	0.5	64.1
CRYSTAL	567CR	1,309	32.2	-	7.8	1.3	-	-	1.4	-	5.7	-	-	-	16.0
CRYSTAL	570CR	1,017	101.1	-	1.2	-	0.1	6.1	2.0	1.9	9.4	9.0	0.1	70.4	0.9
DAISETTA	741DA	253	1.1	-	-	-	-	-	-	-	-	-	-	1.1	-
DAISETTA	743DA	358	44.2	-	4.5	0.4	8.3	14.5	-	11.1	4.0	-	1.5	-	-
DAISETTA	744DA	690	7.6	-	-1	1.3	-	4.6	0.1	0.3	1.0	-	0.2	-	-
DAYTON BULK	723DY	1,010	16.3	-	-	-	1.4	1.4	9.0	0.4	3.3	0.8	-	-	-
DAYTON BULK	724DY	2,209	14.6	-	-	0.2	1.3	11.9	0.1	-	-	-	-	0.1	1.0
DAYTON BULK	725DY	1,525	39.9	-	-	0.1	27.6	-	0.0	7.6	0.8	3.7	-	-	-
DAYTON BULK	726DY	1,569	14.6	-	-	0.5	1.1	1.3	4.2	0.5	0.5	0.2	-	5.9	0.4
DAYTON BULK	727DY	791	2.8	-	-	1.3	0.1	0.4	-	-	0.8	0.1	-	0.1	-
DOBIBIN	519DO	1,816	10.1	-	-	0.1	0.0	-	-	-	0.5	-	-	-	9.5
DOBIBIN	920DO	1,816	87.5	0.7	0.2	3.7	40.8	13.0	-	0.0	2.2	4.1	-	0.2	22.7
DOUCETTE	568DC	592	28.4	-	12.2	6.7	5.4	-	-	0.2	1.0	0.7	-	-	2.3
DOUCETTE	569DC	197	327.8	2.2	-	2.6	-	3.3	316.4	-	2.3	1.0	-	-	-
DOUCETTE	570DC	1,122	75.9	-	4.2	4.7	0.4	0.6	37.5	6.6	7.7	-	0.1	13.2	0.9
EASTGATE	781EG	1,072	2.3	-	-	0.6	1.2	0.1	-	0.2	-	0.2	-	0.1	-
ECHO	70ECH	1,685	89.5	-	0.7	-	0.8	-	2.4	0.9	2.3	81.7	0.1	0.0	0.7
ECHO	71ECH	736	1.6	-	-	0.1	-	-	0.9	-	0.2	-	0.4	0.1	-
ECHO	72ECH	498	4.7	-	-	-	0.2	-	-	-	-	-	-	-	4.5
ECHO	73ECH	785	3.1	-	-	-	1.9	-	-	-	-	-	0.9	0.3	-
EGYPT	550EP	977	0.4	-	-	-	-	-	-	-	-	-	-	-	0.4
EGYPT	551EP	2,450	3.5	-	-	-	-	0.2	1.0	0.5	0.1	0.6	-	-	1.2
EGYPT	552EP	1,712	20.3	-	-	3.4	0.1	6.1	1.0	-	0.9	0.1	-	8.8	-
ELIZABETH	121EL	1,197	45.8	45.0	-	-	-	-	-	-	-	0.3	-	0.4	-
ELIZABETH	122EL	995	33.6	0.1	-	-	3.4	0.5	-	27.2	1.6	-	-	-	0.9
ELIZABETH	123EL	2,610	0.5	-	-	-	-	-	-	-	-	0.1	-	0.2	0.3
FLETCHER	456FL	831	69.5	-	-	-	-	0.8	-	-	12.5	-	-	42.6	13.6
FLETCHER	457FL	1,496	9.9	0.0	-	0.6	2.3	0.8	0.7	0.2	1.4	0.2	-	3.4	0.3
FOREST	751FO	3,762	9.9	-	-	-	3.2	1.5	0.2	0.2	-	0.5	-	4.3	0.1
FORT WORTH	12FTW	1,472	3.6	-	-	2.6	-	-	-	-	-	-	-	1.0	-
FORT WORTH	7FTW	1,236	0.1	-	-	-	-	-	-	-	0.1	-	-	-	-
FRONT STREET	307FR	496	63.2	-	-	-	-	-	-	-	-	-	-	56.2	7.0
FRONT STREET	308FR	370	1.8	-	-	-	-	-	-	-	-	1.8	-	-	-
FRONT STREET	310FR	545	1.9	-	-	1.8	-	-	-	-	-	-	-	-	0.1
GEORGIA	670GE	691	145.9	57.1	2.8	-	-	-	-	-	50.3	1.1	1.1	15.4	18.1
GOREE	681GR	718	112.2	-	-	-	11.6	-	0.4	0.5	-	-	-	99.7	-
GOREE	682GR	1,195	0.6	-	-	-	-	-	-	-	-	0.6	-	-	-
GOSLIN	704GL	1,678	3.6	-	-	-	-	3.6	-	-	-	-	-	-	-
GRIMES	883GR	901	0.1	-	-	-	-	-	-	-	0.1	-	-	-	-
GRIMES	981GR	319	2.0	-	-	-	-	-	-	-	-	0.3	-	-	-
GRIMES	982GR	748	20.7	-	9.2	-	6.5	-	-	-	2.8	-	0.2	0.7	1.3
GROVES-EGSI	59GRO	1,717	69.1	-	-	-	1.2	-	-	-	-	-	-	-	67.9
GROVES-EGSI	61GRO	942	1.6	0.1	-	-	-	-	-	-	-	-	-	1.5	-
GROVES-EGSI	63GRO	1,307	0.7	-	-	-	-	-	-	-	-	0.7	-	-	-
HAMPTON	158HA	1,152	43.0	1.3	-	-	-	-	-	41.1	0.1	0.5	-	-	-
HANKAMER	206HA	657	100.5	-	0.1	5.6	-	-	-	-	92.2	-	0.5	1.8	0.2
HANKAMER	207HA	752	1.1	-	-	-	-	-	1.1	-	-	-	-	-	-
HANKS	22HKS	1,165	0.6	-	0.2	-	-	-	-	-	0.4	-	-	-	-
HANKS	23HKS	1,423	7.4	-	-	5.8	-	-	0.6	-	1.0	-	-	-	-
HANKS	24HKS	824	1.7	-	1.7	-	-	-	-	-	-	-	-	-	-
HANKS	25HKS	915	8.7	-	-	1.9	-	-	-	-	-	6.9	-	-	-
HARDIN	35HDN	813	19.5	1.0	-	-	15.2	0.3	-	2.7	-	-	-	-	0.3
HEARNE	25HRN	234	0.9	-	-	-	-	0.4	-	-	0.2	0.4	-	-	-
HEARNE	29HRN	324	43.5	-	-	-	-	-	-	43.5	-	-	-	-	-
HIMEX	223HI	4,652	4.3	-	-	-	0.1	-	1.5	2.2	-	-	-	-	0.6
HUMPHREY (TX)	106HM	1,113	0.4	-	-	-	-	-	-	-	-	-	0.1	0.4	-
HUMPHREY (TX)	107HM	895	6.2	-	-	-	-	-	-	-	1.6	-	-	-	4.6
HUNTSVILLE	600HU	2,103	43.6	-	12.0	-	0.1	0.6	4.9	4.8	17.5	0.9	-	1.4	1.5
HUNTSVILLE	607HU	3,453	20.8	0.2	5.4	7.5	-	-	-	0.6	1.9	0.4	-	-	4.7
HUNTSVILLE	608HU	3,180	5.9	-	1.2	-	0.2	-	-	-	-	1.7	0.1	1.6	1.2
HUNTSVILLE	610HU	1,915	3.6	-	-	-	0.3	0.1	-	0.1	0.5	-	-	1.3	1.3
HUNTSVILLE	611HU	1,601	46.7	0.1	23.9	-	7.3	-	2.3	-	1.9	-	8.4	0.4	2.4

ATTACHMENT A

Substation Identification	Feeder Identification	Number of Customers	2016 Veg SAIDI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
JIROU	77JRU	321	6.4	-	-	-	3.7	-	-	-	-	-	-	2.7	-
JOHNSTOWN	342JT	713	28.7	-	-	0.4	27.1	-	1.2	-	-	-	-	-	0.1
JOHNSTOWN	343JT	1,562	154.4	-	5.1	5.2	132.7	1.9	2.3	0.0	7.2	-	-	-	-
JOHNSTOWN	345JT	1,924	57.1	4.2	4.6	0.0	6.5	1.8	1.1	4.4	26.8	4.5	-	3.4	-
JOHNSTOWN	544JT	2,770	27.5	-	0.6	-	20.7	3.0	0.2	-	1.5	-	0.1	1.1	0.4
KICKAPOO	251KP	1,306	51.1	0.3	0.7	3.8	30.5	0.1	9.8	0.8	0.6	-	1.4	3.0	0.2
KOLBS	34KOL	1,216	48.8	45.7	-	-	-	-	-	-	-	-	-	3.1	-
KOLBS	35KOL	1,100	4.6	-	-	-	-	-	-	-	-	-	-	4.6	-
KOLBS	36KOL	1,358	3.7	-	3.6	-	-	-	-	-	-	-	-	-	0.1
KOUNTZE BULK	432KT	861	17.0	-	-	-	0.1	15.5	-	-	-	1.4	-	0.1	-
KOUNTZE BULK	435KT	49	2.2	-	-	-	-	-	-	-	-	-	-	2.2	-
KOUNTZE BULK	451KT	1,037	8.8	0.3	-	-	0.2	-	0.2	4.7	3.0	0.3	-	-	0.1
LACON	537LA	2,136	5.6	-	-	0.2	0.2	-	4.4	-	0.9	-	-	-	-
LACON	538LA	1,480	7.3	0.3	-	2.7	2.8	-	-	0.5	-	1.1	-	-	-
LACON	539LA	1,991	17.9	-	-	2.0	0.2	-	0.4	13.0	2.3	-	-	-	-
LACON	540LA	1,040	73.6	-	-	-	-	44.0	-	20.9	-	-	-	8.8	-
LAKEVIEW	80LAV	714	0.4	-	-	-	-	-	-	-	-	-	-	-	0.4
LAKEVIEW	81LAV	1,316	17.1	-	-	-	-	-	0.6	-	13.0	3.5	-	-	-
LINDBERGH	40LNB	1,612	76.7	-	-	0.6	-	32.1	3.9	11.1	17.4	0.0	6.9	3.1	1.5
LINDBERGH	41LNB	1,707	4.4	-	-	-	4.4	-	-	0.1	-	-	-	-	-
LINDBERGH	42LNB	313	342.1	-	-	1.1	-	5.3	-	-	114.4	221.3	-	-	-
LOEB	17LOB	951	3.7	3.2	-	-	-	-	-	-	0.1	-	-	0.5	-
LOEB	18LOB	567	2.0	-	-	-	0.3	0.5	0.4	0.3	0.2	-	-	0.4	-
LONGMIRE	580LM	1,953	1.0	-	0.4	-	-	-	0.5	-	-	0.1	-	-	-
LONGMIRE	581LM	2,509	0.2	-	-	-	-	-	-	0.1	0.1	-	-	-	-
LONGMIRE	582LM	1,091	15.6	-	-	-	-	13.1	2.4	-	-	0.1	-	-	-
LONGMIRE	583LM	1,273	10.3	-	3.8	-	0.8	-	5.6	-	-	-	-	0.0	-
LONGMIRE	584LM	1,395	6.8	-	-	-	-	-	6.8	-	-	-	-	-	-
LOVELLS LAKE	141LV	741	0.9	-	0.8	-	-	-	0.2	-	-	-	-	-	-
LOVELLS LAKE	142LV	364	4.4	0.9	-	1.5	-	0.8	0.6	-	0.6	-	-	-	-
LUMBERTON	441LU	4,331	4.8	-	-	-	1.3	1.0	-	0.1	0.7	1.7	-	0.1	-
MAGNOLIA AMES	711MG	793	222.8	-	-	0.1	34.5	23.9	150.6	10.8	0.7	-	-	2.1	-
MANCHESTER	66MAN	2,083	0.8	-	-	-	-	-	0.1	-	-	0.4	-	0.3	-
MAPLE	90MPL	342	9.9	1.6	-	-	-	-	-	-	8.3	-	-	-	-
MAYHAW	671MA	1,868	19.6	0.0	0.1	13.2	-	1.0	0.0	1.4	0.3	0.0	-	3.6	-
MCDONALD	476MD	996	25.0	-	-	-	-	2.4	-	22.6	-	-	-	-	-
MCDONALD	477MD	1,595	10.9	-	0.8	0.7	0.1	2.4	1.1	1.9	3.8	-	-	-	0.1
MCDONALD	478MD	634	8.5	-	-	-	-	7.9	-	-	-	-	-	0.6	-
MCDONALD	479MD	762	96.6	-	-	-	-	-	6.3	0.6	1.0	88.0	-	-	0.8
MCHALE	110MC	1,047	8.9	-	-	-	-	-	-	-	8.9	-	-	-	-
MCHALE	111MC	666	7.7	-	-	2.0	-	-	-	-	5.5	0.2	-	-	-
MCHALE	112MC	824	76.9	-	-	76.4	-	-	-	-	-	0.6	-	-	-
MCHALE	113MC	624	253.9	-	-	-	21.9	17.8	93.9	-	-	0.2	-	-	120.0
MCLEWIS	380MC	2,446	241.3	-	224.6	9.7	0.4	-	0.3	0.7	2.0	-	1.2	0.2	2.3
MCLEWIS	381MC	1,241	8.6	-	-	1.0	-	0.1	2.4	0.0	0.5	0.9	-	3.7	-
MCLEWIS	382MC	845	192.7	0.3	-	-	0.2	191.7	0.1	0.2	0.1	-	-	-	0.1
MEMORIAL	281ML	769	3.2	-	-	-	-	-	-	-	-	-	-	3.2	-
MERLIN	374MR	542	65.4	-	-	2.6	0.2	1.9	2.8	57.5	0.2	0.1	0.1	-	-
MERLIN	375MR	863	3.6	-	-	-	0.2	0.1	-	2.7	0.5	-	0.1	-	-
NAVASOTA	904NA	1,452	13.8	-	-	-	13.8	0.1	-	-	-	-	-	-	-
NAVASOTA	905NA	2,127	28.3	-	-	9.5	11.0	4.9	0.8	-	-	-	-	-	2.2
NAVASOTA	969NA	909	0.5	-	-	-	-	-	0.1	0.1	0.1	0.1	-	-	-
NECHES	193NE	1,494	22.3	-	-	-	-	-	0.9	-	21.3	0.1	-	-	-
NECHES	197NE	151	1.6	-	-	-	-	-	-	-	-	1.6	-	-	-
NEW CANEY	304NC	1,647	34.0	0.1	0.1	-	-	0.4	30.9	-	0.4	1.3	0.4	0.5	-
NEW CANEY	333NC	5,360	4.0	0.1	-	-	0.1	0.1	1.0	0.2	0.2	0.1	-	0.2	2.1
NEW CANEY	334NC	6,494	14.8	0.2	-	0.5	4.0	9.5	0.1	-	0.5	-	0.1	-	-
NEW CANEY	335NC	2,100	186.7	-	-	4.6	-	7.2	0.4	0.0	0.1	174.2	-	-	0.2
NEW CANEY	336NC	4,657	1.3	0.0	-	-	-	0.0	1.0	-	-	0.3	-	-	-
NEW CANEY	337NC	583	2.9	-	-	-	-	-	-	0.1	2.8	-	-	-	-
NEW CANEY	338NC	2,423	4.0	-	0.1	1.8	0.8	0.8	0.1	0.1	0.1	0.1	-	0.1	0.1
NORTH END	21NOE	1,912	5.0	-	-	4.3	0.2	0.1	-	-	-	0.2	0.3	-	-
NORTH SILSBEE	471NS	1,097	14.1	-	0.4	-	0.2	7.0	0.1	-	5.1	1.0	0.3	-	0.1
NORTH SILSBEE	472NS	336	7.9	0.3	-	-	0.4	5.0	-	1.8	-	-	-	0.4	-
OAK RIDGE (TX)	740OK	1,259	143.7	-	-	35.5	100.0	-	2.9	0.1	2.8	0.1	2.0	-	0.4
OAK RIDGE (TX)	741OK	835	97.9	-	-	-	2.3	-	95.6	-	-	-	-	-	-
OAK RIDGE (TX)	742OK	233	48.7	13.3	-	-	16.8	-	14.7	-	3.9	-	-	-	-
OAK RIDGE (TX)	743OK	499	3.7	-	-	-	3.7	-	-	-	-	-	-	-	-
OAK RIDGE (TX)	744OK	2,895	17.3	-	0.0	0.2	0.9	5.2	6.9	0.3	3.7	-	-	-	-
OAK RIDGE (TX)	745OK	1,772	66.7	-	-	2.4	1.7	7.6	4.5	21.8	2.7	0.1	0.2	25.7	-
OILLA	345OI	1,461	60.3	-	-	0.2	-	51.3	-	0.7	6.3	-	-	-	1.8
ORANGE	350ON	955	19.9	1.2	-	0.5	0.7	-	0.1	-	0.1	-	-	14.2	3.1

ATTACHMENT A

Substation Identification	Feeder Identification	Number of Customers	2016 Veg SAIDI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
ORANGE	351ON	499	146.7	-	-	-	-	-	-	-	144.8	-	-	1.8	-
ORANGE	352ON	921	12.5	-	-	-	-	2.4	-	0.3	-	7.7	1.4	0.4	0.4
PANORAMA	525PA	1,405	4.4	-	-	-	-	-	4.4	-	-	-	-	-	-
PANSY	184PS	435	9.2	0.4	-	-	-	-	6.5	2.3	-	-	-	-	-
PANSY	185PS	1,316	3.9	-	-	-	-	-	0.2	-	-	-	-	3.7	-
PARKWAY	350PW	950	120.4	-	72.7	0.8	18.3	25.6	0.2	-	2.0	-	0.2	0.3	0.3
PARKWAY	782PW	347	10.6	-	-	-	10.6	-	-	-	-	-	-	-	-
PEE DEE	806PD	2,566	15.3	-	-	8.5	0.3	4.2	0.7	0.3	0.9	-	-	-	0.5
PEE DEE	808PD	921	16.8	-	-	-	12.5	1.4	-	0.2	1.4	-	-	-	1.4
PEE DEE	809PD	1,618	14.1	-	1.0	0.3	6.0	0.9	0.2	-	0.3	3.4	0.1	1.9	0.1
PLANTATION (TX)	545PL	1,121	210.8	0.6	-	0.3	121.8	4.4	26.9	-	46.3	0.1	10.1	-	0.4
PLANTATION (TX)	546PL	873	68.8	-	-	-	-	8.6	27.8	-	21.9	10.4	0.1	-	-
PORT ACRES BULK	70PAS	830	1.8	1.1	-	-	-	-	0.7	-	-	-	-	-	-
PORT ACRES SUB	67PTA	587	4.5	-	-	-	4.5	-	-	-	-	-	-	-	-
PORT ACRES SUB	68PTA	1,269	1.0	-	-	-	-	0.9	-	-	0.1	-	-	-	-
PORT NECHES	45PTN	909	4.3	-	-	-	-	-	-	-	-	-	-	4.3	-
PORT NECHES	46PTN	1,275	9.2	-	-	-	-	-	-	-	-	8.1	-	1.0	0.1
RAYWOOD	73RAY	529	21.0	-	-	-	-	7.5	-	9.5	-	1.2	1.7	1.1	-
RAYWOOD	74RAY	1,092	6.4	-	-	2.7	-	1.0	-	0.1	-	0.2	-	0.6	1.9
RAYWOOD	75RAY	119	6.9	-	-	-	-	-	6.1	-	-	0.7	-	-	-
RIVTRIN	268RV	2,622	30.6	1.2	0.1	1.3	0.6	-	0.5	-	9.4	0.6	3.1	8.9	5.0
RIVTRIN	269RV	3,018	97.5	-	4.2	3.9	43.8	6.4	10.8	2.3	14.4	3.0	0.8	5.5	2.4
ROSEDALE (TX)	151RS	1,270	7.4	-	-	-	-	-	-	1.1	-	0.2	-	-	6.1
ROSEDALE (TX)	152RS	737	150.1	-	-	-	-	145.0	3.9	-	-	0.2	1.1	-	-
ROSEDALE (TX)	153RS	757	21.8	-	-	-	-	6.0	14.0	-	-	-	-	-	1.8
SARATOGA	761SA	431	135.5	8.9	0.2	4.0	14.3	105.2	0.5	-	-	-	-	2.4	-
SHEAWILL	536SH	1,331	3.2	0.4	-	-	0.5	0.3	-	-	1.7	-	0.3	-	-
SILSBEE	461SI	537	31.0	-	1.0	-	4.4	1.9	20.3	3.4	-	-	-	-	-
SILSBEE	462SI	804	34.1	2.0	-	-	-	2.0	9.6	-	2.9	0.9	0.3	7.5	8.8
SILSBEE	463SI	760	3.7	-	-	2.8	-	0.9	-	-	-	-	-	-	-
SOMERVILLE	126SO	852	0.1	-	-	-	-	-	-	-	0.1	-	-	-	-
SOUR LAKE	104SL	369	0.8	-	-	-	-	-	-	-	-	-	0.4	-	0.4
SOUR LAKE	105SL	1,237	10.8	-	-	-	-	-	4.5	6.0	-	-	-	0.3	0.1
SOUTH LIBERTY	714SL	120	160.4	-	-	-	15.6	2.2	8.6	29.4	-	-	-	104.7	-
SPLENDORA	307SP	1,600	184.1	1.6	44.8	-	31.1	-	28.0	-	24.9	53.3	-	0.5	-
SPLENDORA	308SP	2,090	68.1	-	0.2	0.1	-	-	-	0.3	1.8	65.6	0.1	-	-
SPLENDORA	309SP	1,356	8.8	-	-	1.2	0.9	3.7	0.5	0.1	-	1.2	0.2	1.3	-
SPURLOCK	98SPU	724	0.1	-	-	-	-	-	0.1	-	-	-	-	-	-
STONEGATE	92STG	2,014	2.9	-	-	-	-	0.0	-	-	-	-	-	2.9	-
STOWELL	231ST	1,014	0.4	-	-	0.2	-	-	0.2	-	-	-	-	-	-
STOWELL	232ST	1,155	105.3	-	-	0.1	0.3	-	-	-	-	-	-	104.9	-
STOWELL	233ST	666	0.1	-	-	-	-	-	0.1	-	-	-	-	-	-
TAMINA	316TA	313	115.9	0.4	-	-	1.7	-	-	0.3	113.5	-	-	-	-
TAMINA	317TA	938	198.5	-	1.8	-	11.3	175.5	3.8	0.6	1.9	0.4	0.8	2.4	-
TAMINA	598TA	839	91.0	0.2	6.9	10.5	22.8	4.8	26.6	-	-	18.9	0.2	-	-
TAMINA	599TA	450	4.7	-	-	-	-	-	1.2	-	-	-	-	3.5	-
TANGLEWOOD	134TG	2,226	11.2	-	-	-	-	4.3	6.9	-	-	-	-	-	-
TANGLEWOOD	135TG	674	4.5	-	-	-	-	-	-	-	-	4.5	-	-	-
TANGLEWOOD	136TG	620	9.9	-	-	6.6	-	-	-	-	-	1.9	-	-	1.4
TANGLEWOOD	137TG	1,520	37.8	1.0	-	-	26.3	2.0	-	-	5.2	-	3.2	-	-
TEMCO	627TE	892	21.7	-	-	-	0.5	-	6.3	-	0.3	0.5	4.8	-	9.3
TEMCO	628TE	395	237.6	-	-	2.3	-	-	184.0	14.2	17.5	-	-	3.5	16.2
TRANSCO	48TCO	210	20.5	-	-	-	-	-	7.2	-	13.2	-	-	-	-
TRAVIS	11TRV	24	23.8	-	-	-	-	23.8	-	-	-	-	-	-	-
TYRRELL	37TYR	513	63.8	-	-	-	-	63.8	-	-	-	-	-	-	-
VIDOR	161VD	610	1.5	-	-	-	0.1	-	-	-	1.1	-	-	-	0.2
VIDOR	162VD	1,876	130.6	0.3	0.2	122.3	6.9	-	0.3	-	0.6	-	-	0.0	-
VIDOR	163VD	1,690	24.5	2.2	-	1.6	4.1	0.0	6.9	0.1	4.5	1.3	-	0.7	3.1
VIDOR	164VD	877	21.0	-	-	20.0	0.6	-	-	0.1	0.2	-	-	0.1	-
VIRGINIA	130VI	1,027	0.7	-	-	-	-	-	-	-	-	-	-	0.7	-
VIRGINIA	131VI	1,392	2.3	-	-	-	-	-	-	-	0.5	0.6	0.5	-	0.7
VIRGINIA	132VI	612	9.1	-	-	-	-	-	-	0.2	8.9	-	-	-	-
VIWAY	681VI	964	6.2	-	-	0.9	-	-	-	5.0	0.3	-	-	-	-
VIWAY	682VI	1,798	12.4	0.2	-	0.8	0.5	0.3	1.5	5.2	3.1	0.5	0.1	-	0.2
WALDEN	563WD	1,937	0.9	-	-	-	-	-	-	-	0.9	-	-	-	-
WARREN	506WR	1,328	68.9	-	7.7	24.5	0.2	-	15.9	4.8	12.4	0.8	0.3	0.6	1.7
WARREN	592WR	2,248	24.0	1.1	0.7	6.6	0.9	1.8	2.4	3.8	3.6	1.7	0.2	0.5	0.8
WEST END	85WED	527	13.5	-	-	-	-	6.4	-	-	3.6	3.5	-	-	-
WEST END	86WED	485	29.4	-	-	-	-	1.5	-	-	14.9	-	-	2.2	11.0
WEST END	88WED	917	25.3	-	-	-	-	2.9	-	-	19.2	-	3.3	-	-
WEST ORANGE	392WO	643	62.8	-	-	-	-	-	2.3	0.7	58.4	-	-	1.0	0.4
WEST ORANGE	393WO	661	40.7	13.0	-	25.8	-	-	-	2.0	-	-	-	-	-

ATTACHMENT A

Substation Identification	Feeder Identification	Number of Customers	2016 Veg SAIDI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
WINFREE	340WN	462	3.9	-	-	-	-	1.1	-	-	0.3	2.5	-	-	-
WINFREE	341WN	729	26.0	-	-	-	-	-	-	-	0.4	0.3	0.1	-	25.3
WINFREE	342WN	1,174	23.7	0.1	-	-	-	6.7	0.5	0.2	4.3	-	11.8	-	-
WINSHIRE	240WS	937	18.9	0.9	-	-	17.6	-	-	-	-	-	-	0.5	-
WINSHIRE	241WS	1,080	0.7	-	-	-	-	0.7	-	-	-	-	-	-	-
WOODVILLE (TX)	593WD	705	34.1	-	2.1	-	1.8	0.1	8.8	0.1	0.9	20.3	-	-	-
WOODVILLE (TX)	594WD	1,182	123.2	0.9	-	-	2.9	0.4	24.2	1.6	81.5	0.1	-	11.5	-
WYNTEX	632WT	892	6.9	-	-	6.1	-	-	-	-	-	-	-	0.8	-
WYNTEX	634WT	1,323	77.6	-	0.9	-	15.8	-	-	1.0	3.7	-	56.0	0.2	-
YANKEE DOODLE	22YAN	2,111	0.4	-	-	-	-	0.1	-	0.1	-	-	-	-	0.2
YANKEE DOODLE	23YAN	560	8.5	3.1	-	-	-	3.9	-	-	-	1.5	-	-	-

ATTACHMENT B

Entergy Texas, Inc.
 PROJECT NO. 41381 - \$25.96. Vegetation Management
 SAIFI scores for vegetation-caused interruptions by month at both the company and feeder level

Note: Results are for Distribution assets operating at less than 60 kV, for which ETI needs to perform vegetation maintenance. Thus results exclude substations, underground facilities, and service drops. Feeder list shows Distribution feeders on Texas System with 10 or more customers that had vegetation-caused interruptions.

2016 - Vegetation	2016 Veg SAIFI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
System SAIFI	0.201	0.006	0.015	0.022	0.020	0.019	0.022	0.011	0.024	0.027	0.007	0.015	0.013

ETI Feeders															
Substation Identification	Feeder Identification	Number of Customers	2016 Veg SAIFI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
ADAMS BAYOU	331AD	195	0.128	-	-	-	-	-	-	-	-	-	-	0.128	-
ADAMS BAYOU	332AD	556	0.002	-	-	-	-	-	-	-	-	-	0.002	-	-
Alden Bridge	762AL	6,435	0.132	-	0.013	-	0.044	0.017	0.004	0.001	0.016	0.008	0.006	0.025	0.000
Alden Bridge	765AL	1,247	0.041	0.013	-	-	0.005	-	0.010	-	0.002	-	-	0.002	0.009
AMELIA BULK	180AM	1,398	0.027	-	-	0.011	-	0.003	-	-	0.013	-	-	-	-
AMELIA BULK	181AM	2,293	0.007	-	-	-	-	-	-	0.004	0.004	-	-	-	-
AMELIA BULK	182AM	973	0.002	-	-	-	0.002	-	-	-	-	-	-	-	-
APOLLO	320AP	1,993	0.119	-	0.022	-	0.054	-	-	0.001	0.017	-	0.002	0.001	0.023
APOLLO	321AP	1,315	0.818	-	-	0.021	0.026	-	0.043	0.002	0.717	0.008	-	-	-
BATSON	53BAT	899	0.170	0.011	-	0.001	0.004	0.046	0.049	-	-	0.009	0.002	0.048	-
BAYSHORE	211BA	1,050	0.027	-	-	-	-	0.001	-	-	0.018	-	-	-	0.008
BAYSHORE	213BA	1,763	0.803	-	-	-	0.001	0.024	0.371	0.002	-	-	0.373	0.023	0.009
BENTWATER	521BW	2,067	0.305	-	-	-	0.125	-	0.033	-	0.001	-	0.023	0.008	0.116
BEVIL	154BE	2,402	0.110	-	-	0.005	-	0.021	0.010	0.015	0.003	0.006	-	0.050	0.000
BEVIL	155BE	4,111	0.389	0.001	-	0.000	0.008	0.219	0.005	0.002	0.094	0.027	0.002	0.008	0.023
BEVIL	156BE	690	0.084	-	0.003	0.039	0.001	-	-	-	-	-	-	0.038	0.003
BRIARCLIFF	30BRC	2,395	0.101	-	0.004	-	0.016	0.007	0.052	-	0.003	0.008	-	0.007	0.004
BRIARCLIFF	31BRC	882	0.484	0.011	-	-	0.023	-	0.340	0.104	-	-	-	-	0.006
BRIARCLIFF	32BRC	1,259	0.117	-	-	-	0.004	0.077	0.019	-	0.009	-	0.002	0.006	-
BRIARCLIFF	33BRC	303	0.162	-	-	-	-	-	0.020	-	0.056	-	-	-	0.086
BRIDGE CITY	360BD	1,117	0.002	-	-	-	-	-	0.002	-	-	-	-	-	-
BRIDGE CITY	361BD	1,115	0.071	0.007	-	-	0.064	-	-	-	-	-	-	-	-
BRIDGE CITY	362BD	1,178	0.255	-	-	0.002	0.036	0.026	0.108	-	-	0.009	-	0.075	-
BRIDGE CITY	363BD	2,095	0.052	-	-	-	0.011	-	-	-	0.028	0.011	0.001	-	0.002
CALDWELL INDUSTRIAL	138CI	707	0.004	-	-	-	-	-	-	-	0.004	-	-	-	-
CALVERT	4CAL	2,163	0.439	-	0.001	0.281	0.013	0.034	0.051	0.019	0.028	0.001	0.004	0.003	0.005
CALVERT	6CAL	1,601	0.072	0.003	-	-	0.008	0.016	0.030	-	0.005	-	-	0.001	0.009
CENTRAL	130CE	737	0.001	-	-	-	-	-	-	-	0.001	-	-	-	-
CENTRAL	131CE	971	0.009	-	-	0.005	-	-	-	-	0.004	-	-	-	-
CENTRAL	132CE	1,810	0.019	-	-	-	-	0.014	-	-	-	-	0.004	-	-
CENTRAL	133CE	1,602	0.005	-	-	-	-	-	-	-	-	0.003	-	0.002	-
CHEEK	159CH	546	0.028	-	0.028	-	-	-	-	-	-	-	-	-	-
CHEEK	166CH	581	0.029	-	0.028	-	-	-	-	-	-	0.002	-	-	-
CHINA	92CHI	655	0.044	-	0.002	-	-	-	-	-	0.038	-	0.005	-	-
CHINA	93CHI	1,289	0.264	0.251	-	-	-	-	0.004	-	0.005	0.004	-	-	-
CLEVELAND (TX)	403CV	1,537	0.128	-	-	0.016	0.017	0.001	-	-	0.094	-	-	-	-
CLEVELAND (TX)	404CV	1,786	0.095	-	-	-	0.002	-	0.011	0.002	0.010	0.049	-	-	0.022
CLEVELAND (TX)	405CV	1,916	0.874	0.004	0.035	0.131	0.485	0.009	0.135	0.001	-	0.065	0.003	0.003	0.003
CLEVELAND (TX)	406CV	1,538	0.057	-	-	0.001	-	0.027	-	-	0.005	-	-	-	0.025
CLEVELAND (TX)	425CV	2,558	1.050	0.000	0.259	0.015	0.014	0.025	0.266	0.005	0.001	0.452	-	0.002	0.011
CLEVELAND (TX)	426CV	3,016	1.034	0.006	-	0.477	0.060	0.010	0.021	0.019	0.113	0.010	0.269	0.024	0.025
CONAIR	511CN	1,587	0.004	-	-	-	0.002	-	-	-	0.003	-	-	-	-
CONAIR	512CN	1,263	0.281	-	-	-	0.097	0.048	0.034	0.014	0.047	-	0.001	-	0.041
CONAIR	513CN	1,652	0.032	-	0.002	-	-	-	-	-	0.030	-	-	-	-
CONAIR	514CN	1,232	0.515	0.004	0.132	0.368	-	0.002	-	0.004	0.003	-	-	0.002	-
CONAIR	515CN	831	0.005	-	-	-	-	-	-	-	-	-	-	-	0.005
CONROE BULK	504CN	241	0.734	-	-	0.734	-	-	-	-	-	-	-	-	-
CONROE BULK	505CN	1,292	0.098	-	-	0.002	0.012	-	0.004	-	-	0.014	-	-	0.067
CONROE BULK	506CN	2,117	0.006	-	-	0.004	-	-	0.002	-	-	-	-	-	-
CONROE BULK	507CN	2,184	0.042	-	0.021	0.021	-	-	-	-	-	-	-	-	-
CONROE BULK	572CN	1,404	0.024	-	-	0.020	-	-	-	0.004	-	-	-	-	-
CONROE BULK	574CN	1,999	0.195	-	-	-	-	0.193	0.002	-	-	-	-	-	-
CONROE BULK	576CN	1,340	0.001	-	-	-	-	-	0.001	-	-	-	-	-	-
CONROE BULK	577CN	604	0.005	-	-	0.002	-	-	-	0.003	-	-	-	-	-
CORDREY	324CO	1,570	0.055	-	0.019	-	0.001	0.003	0.023	-	0.008	-	-	0.003	-
CORDREY	325CO	1,610	0.130	-	-	-	0.048	-	0.028	-	0.019	0.033	0.003	-	-
CORDREY	326CO	1,233	0.243	0.002	0.011	0.070	0.086	-	-	0.002	0.047	0.002	-	0.020	0.004
CORDREY	327CO	974	0.082	0.001	-	0.010	0.006	-	0.001	-	-	0.007	-	0.057	-
CORRIGAN BULK	238CR	611	0.501	-	0.039	0.435	-	-	-	-	0.026	-	-	-	-
CORRIGAN BULK	239CR	495	1.339	-	-	-	-	0.568	-	0.758	0.004	0.006	-	0.004	-

ATTACHMENT B

Substation Identification	Feeder Identification	Number of Customers	2016 Veg SAIFI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
CROCKETT	195CR	980	0.007	-	-	-	-	0.007	-	-	-	-	-	-	-
CROCKETT	64CRK	1,013	0.139	-	-	-	-	-	0.069	-	0.070	-	-	-	-
CROCKETT	65CRK	569	0.120	-	-	-	-	-	-	-	-	-	0.009	0.111	-
CROWDER	103CD	1,433	0.008	-	-	-	-	-	0.004	-	-	-	-	0.004	-
CROWDER	104CD	1,607	0.004	-	-	0.004	-	-	-	-	-	-	-	-	-
CROWDER	105CD	904	0.009	-	-	-	0.009	-	-	-	-	-	-	-	-
CRYSTAL	566CR	1,447	1.097	-	0.555	0.004	0.003	0.004	0.006	0.180	-	0.006	0.067	0.004	0.268
CRYSTAL	567CR	1,309	0.136	-	0.037	0.021	-	-	0.008	-	0.026	-	-	-	0.044
CRYSTAL	570CR	1,017	0.929	-	0.005	-	0.001	0.052	0.015	0.026	0.036	0.103	0.001	0.685	0.005
DAISETTA	741DA	253	0.012	-	-	-	-	-	-	-	-	-	-	0.012	-
DAISETTA	743DA	358	0.480	-	0.053	0.003	0.103	0.126	-	0.123	0.048	-	0.025	-	-
DAISETTA	744DA	690	0.077	-	-	0.006	-	0.046	0.003	0.004	0.010	-	0.007	-	-
DAYTON BULK	723DY	1,010	0.171	-	-	-	0.037	0.023	0.039	0.005	0.059	0.009	-	-	-
DAYTON BULK	724DY	2,209	0.069	-	-	0.002	0.007	0.048	0.002	-	-	-	-	0.001	0.008
DAYTON BULK	725DY	1,525	0.373	-	-	0.002	0.140	-	0.001	0.100	0.007	0.124	-	-	-
DAYTON BULK	726DY	1,569	0.168	-	-	0.004	0.015	0.033	0.054	0.009	0.004	0.003	-	0.041	0.006
DAYTON BULK	727DY	791	0.033	-	-	0.014	0.001	0.008	-	-	0.006	0.001	-	0.003	-
DOBBIN	519DO	1,816	0.089	-	-	0.001	0.001	-	-	-	0.001	-	-	-	0.087
DOBBIN	920DO	1,816	0.479	0.011	0.001	0.044	0.142	0.053	-	0.001	0.023	0.029	-	0.003	0.174
DOUCETTE	568DC	592	0.318	-	0.169	0.041	0.052	-	-	0.003	0.007	0.020	-	-	0.025
DOUCETTE	569DC	197	0.985	0.015	-	0.015	-	-	0.036	0.878	-	0.025	0.015	-	-
DOUCETTE	570DC	1,122	0.641	-	0.052	0.055	0.005	0.002	0.215	0.128	0.038	-	0.003	0.136	0.007
EASTGATE	781EG	1,072	0.016	-	-	0.002	0.005	0.001	-	0.005	-	0.003	-	0.001	-
ECHO	70ECH	1,685	1.093	-	0.011	-	0.013	-	0.033	0.010	0.011	0.994	0.001	0.001	0.020
ECHO	71ECH	736	0.019	-	-	0.007	-	-	0.003	-	0.004	-	0.003	0.003	-
ECHO	72ECH	498	0.026	-	-	-	0.002	-	-	-	-	-	-	-	0.024
ECHO	73ECH	785	0.031	-	-	-	0.018	-	-	-	-	-	0.009	0.004	-
EGYPT	550EP	977	0.001	-	-	-	-	-	-	-	-	-	-	-	0.001
EGYPT	551EP	2,450	0.040	-	-	-	-	0.004	0.007	0.012	0.001	0.007	-	-	0.010
EGYPT	552EP	1,712	0.202	-	-	0.035	0.002	0.064	0.008	-	0.018	0.001	-	0.073	-
ELIZABETH	121EL	1,197	0.344	0.331	-	-	-	-	-	-	-	0.006	-	0.008	-
ELIZABETH	122EL	995	0.155	0.004	-	-	0.004	0.010	-	0.123	0.005	-	-	-	0.009
ELIZABETH	123EL	2,610	0.007	-	-	-	-	-	-	-	-	0.002	-	0.002	0.003
FLETCHER	456FL	831	0.621	-	-	-	-	0.012	-	-	0.048	-	-	0.483	0.078
FLETCHER	457FL	1,496	0.155	0.001	-	0.011	0.073	0.013	0.011	0.002	0.021	0.003	-	0.014	0.006
FOREST	751FO	3,762	0.068	-	-	-	0.021	0.009	0.003	0.003	-	0.006	-	0.026	0.001
FORT WORTH	12FTW	1,472	0.008	-	-	0.004	-	-	-	-	-	-	-	0.004	-
FORT WORTH	7FTW	1,236	0.002	-	-	-	-	-	-	-	0.002	-	-	-	-
FRONT STREET	307FR	496	0.895	-	-	-	-	-	-	-	-	-	-	0.655	0.240
FRONT STREET	308FR	370	0.019	-	-	-	-	-	-	-	-	0.019	-	-	-
FRONT STREET	310FR	545	0.033	-	-	0.031	-	-	-	-	-	-	-	-	0.002
GEORGIA	670GE	691	0.881	0.258	0.015	-	-	-	-	-	0.317	0.032	0.004	0.103	0.153
GOREE	681GR	718	0.935	-	-	-	0.031	-	0.001	0.007	-	-	-	0.896	-
GOREE	682GR	1,195	0.008	-	-	-	-	-	-	-	-	0.008	-	-	-
GOSLIN	704GL	1,678	0.010	-	-	-	-	0.010	-	-	-	-	-	-	-
GRIMES	883GR	901	0.001	-	-	-	-	-	-	-	0.001	-	-	-	-
GRIMES	981GR	319	0.013	-	-	-	0.009	-	-	-	-	0.003	-	-	-
GRIMES	982GR	748	0.107	-	0.039	-	0.023	-	-	-	0.020	-	0.005	0.005	0.015
GROVES-EGSI	59GRO	1,717	0.996	-	-	-	0.011	-	-	-	-	-	-	-	0.985
GROVES-EGSI	61GRO	942	0.017	0.002	-	-	-	-	-	-	-	-	-	0.015	-
GROVES-EGSI	63GRO	1,307	0.027	-	-	-	-	-	-	-	-	0.027	-	-	-
HAMPTON	158HA	1,152	0.177	0.006	-	-	-	-	-	0.163	0.001	0.007	-	-	-
HANKAMER	206HA	657	0.524	-	0.002	0.043	-	-	-	-	0.457	-	0.005	0.015	0.003
HANKAMER	207HA	752	0.013	-	-	-	-	-	0.013	-	-	-	-	-	-
HANKS	22HKS	1,165	0.010	-	0.003	-	-	-	-	-	0.007	-	-	-	-
HANKS	23HKS	1,423	0.068	-	-	0.052	-	-	0.008	-	0.007	-	-	-	-
HANKS	24HKS	824	0.006	-	0.006	-	-	-	-	-	-	-	-	-	-
HANKS	25HKS	915	0.125	-	-	0.012	-	-	-	-	-	0.113	-	-	-
HARDIN	35HDN	813	0.114	0.009	-	-	0.074	0.005	-	0.023	-	-	-	-	0.004
HEARNE	25HRN	234	0.013	-	-	-	-	0.004	-	-	0.004	0.004	-	-	-
HEARNE	29HRN	324	1.009	-	-	-	-	-	-	1.009	-	-	-	-	-
HIMEX	223HI	4,652	0.041	-	-	-	0.001	-	0.007	0.024	-	-	-	-	0.009
HUMPHREY (TX)	106HM	1,113	0.007	-	-	-	-	-	-	-	-	-	0.001	0.006	-
HUMPHREY (TX)	107HM	895	0.030	-	-	-	-	-	-	-	0.013	-	-	-	0.017
HUNTSVILLE	600HU	2,103	0.690	-	0.070	-	0.001	0.005	0.062	0.037	0.476	0.013	-	0.019	0.008
HUNTSVILLE	607HU	3,453	0.312	0.001	0.048	0.185	-	-	-	0.028	0.010	0.004	-	-	0.037
HUNTSVILLE	608HU	3,180	0.064	-	0.006	-	0.003	-	-	-	-	0.018	0.001	0.022	0.015
HUNTSVILLE	610HU	1,915	0.060	-	-	-	0.004	0.001	-	0.002	0.002	-	-	0.032	0.019
HUNTSVILLE	611HU	1,601	0.283	0.001	0.101	-	0.061	-	0.035	-	0.009	-	0.063	0.004	0.010
JIROU	77JRU	321	0.078	-	-	-	0.025	-	-	-	-	-	-	0.053	-
JOHNSTOWN	342JT	713	0.066	-	-	0.003	0.052	-	0.010	-	-	-	-	-	0.001
JOHNSTOWN	343JT	1,562	0.464	-	0.044	0.023	0.277	0.035	0.035	0.002	0.048	-	-	-	-
JOHNSTOWN	345JT	1,924	0.505	0.023	0.063	0.001	0.070	0.012	0.006	0.034	0.149	0.127	-	0.020	-
JOHNSTOWN	544JT	2,770	0.121	-	0.002	-	0.065	0.014	0.001	-	0.022	-	0.001	0.012	0.002

ATTACHMENT B

Substation Identification	Feeder Identification	Number of Customers	2016 Veg SAIFI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
KICKAPOO	251KP	1,306	0.266	0.007	0.002	0.038	0.133	0.001	0.033	0.005	0.002	-	0.022	0.017	0.005
KOLBS	34KOL	1,216	1.053	0.993	-	-	-	-	-	-	-	-	-	0.059	-
KOLBS	35KOL	1,100	0.043	-	-	-	-	-	-	-	-	-	-	0.043	-
KOLBS	36KOL	1,358	0.024	-	0.019	-	-	-	-	-	-	-	-	-	0.005
KOUNTZE BULK	432KT	861	0.124	-	-	-	0.001	0.107	-	-	-	0.015	-	0.001	-
KOUNTZE BULK	435KT	49	0.020	-	-	-	-	-	-	-	-	-	-	0.020	-
KOUNTZE BULK	451KT	1,037	0.085	0.008	-	-	0.002	-	0.003	0.057	0.010	0.004	-	-	0.002
LACON	537LA	2,136	0.023	-	-	0.003	0.001	-	0.011	-	0.008	-	-	-	-
LACON	538LA	1,480	0.071	0.002	-	0.016	0.032	-	-	0.006	-	0.015	-	-	-
LACON	539LA	1,991	0.081	-	-	0.012	0.002	-	0.001	0.051	0.017	-	-	-	-
LACON	540LA	1,040	0.280	-	-	-	-	0.098	-	0.136	-	-	-	0.046	-
LAKEVIEW	80LAV	714	0.007	-	-	-	-	-	-	-	-	-	-	-	0.007
LAKEVIEW	81LAV	1,316	0.160	-	-	-	-	-	0.008	-	0.095	0.057	-	-	-
LINDBERGH	40LNB	1,612	0.409	-	-	0.017	-	0.071	0.054	0.063	0.073	0.001	0.073	0.046	0.011
LINDBERGH	41LNB	1,707	0.006	-	-	-	0.006	-	-	0.001	-	-	-	-	-
LINDBERGH	42LNB	313	1.157	-	-	0.010	-	0.019	-	-	0.256	0.872	-	-	-
LOEB	17LOB	951	0.027	0.021	-	-	-	-	-	-	0.001	-	-	0.005	-
LOEB	18LOB	567	0.032	-	-	-	0.005	0.005	0.005	0.007	0.004	-	-	0.005	-
LONGMIRE	580LM	1,953	0.013	-	0.002	-	-	-	0.010	-	-	0.002	-	-	-
LONGMIRE	581LM	2,509	0.002	-	-	-	-	-	-	0.001	0.001	-	-	-	-
LONGMIRE	582LM	1,091	0.065	-	-	-	-	0.057	0.007	-	-	0.001	-	-	-
LONGMIRE	583LM	1,273	0.073	-	0.031	-	0.007	-	0.034	-	-	-	-	0.001	-
LONGMIRE	584LM	1,395	0.034	-	-	-	-	-	0.034	-	-	-	-	-	-
LOVELLS LAKE	141LV	741	0.004	-	0.003	-	-	-	0.001	-	-	-	-	-	-
LOVELLS LAKE	142LV	364	0.041	0.011	-	0.008	-	0.011	0.006	-	0.006	-	-	-	-
LUMBERTON	441LU	4,331	0.042	-	-	-	0.010	0.012	-	0.001	0.006	0.013	-	0.001	-
MAGNOLIA AMES	711MG	793	1.027	-	-	0.001	0.327	0.111	0.414	0.146	0.010	-	-	0.018	-
MANCHESTER	66MAN	2,083	0.009	-	-	-	-	-	0.001	-	-	0.005	-	0.003	-
MAPLE	90MPL	342	0.079	0.056	-	-	-	-	-	-	0.023	-	-	-	-
MAYHAW	671MA	1,868	0.328	0.002	0.001	0.218	-	0.004	0.001	0.021	0.004	0.001	-	0.077	-
MCDONALD	476MD	996	0.312	-	-	-	-	0.011	-	0.301	-	-	-	-	-
MCDONALD	477MD	1,595	0.110	-	0.006	0.009	0.001	0.017	0.021	0.028	0.026	-	-	-	0.001
MCDONALD	478MD	634	0.125	-	-	-	-	0.118	-	-	-	-	-	0.006	-
MCDONALD	479MD	762	2.072	-	-	-	-	-	0.043	0.007	0.016	2.000	-	-	0.007
MCHALE	110MC	1,047	0.037	-	-	-	-	-	-	-	0.037	-	-	-	-
MCHALE	111MC	666	0.051	-	-	0.011	-	-	-	-	0.036	0.005	-	-	-
MCHALE	112MC	824	1.081	-	-	1.078	-	-	-	-	-	0.004	-	-	-
MCHALE	113MC	624	2.274	-	-	-	0.107	0.162	1.008	-	-	0.006	-	-	0.990
MCLEWIS	380MC	2,446	1.082	-	0.988	0.035	0.005	-	0.001	0.004	0.031	-	0.013	0.001	0.004
MCLEWIS	381MC	1,241	0.089	-	-	0.006	-	0.001	0.031	0.001	0.006	0.010	-	0.035	-
MCLEWIS	382MC	845	0.976	0.004	-	-	0.002	0.965	0.001	0.001	0.001	-	-	-	0.002
MEMORIAL	281ML	769	0.047	-	-	-	-	-	-	-	-	-	-	0.047	-
MERLIN	374MR	542	0.388	-	-	0.026	0.004	0.042	0.046	0.260	0.006	0.002	0.002	-	-
MERLIN	375MR	863	0.052	-	-	-	0.005	0.001	-	0.034	0.012	-	0.001	-	-
NAVASOTA	904NA	1,452	0.024	-	-	-	0.022	0.002	-	-	-	-	-	-	-
NAVASOTA	905NA	2,127	0.107	-	-	0.045	0.024	0.024	0.006	-	-	-	-	-	0.008
NAVASOTA	969NA	909	0.007	-	-	-	-	-	0.001	0.001	0.002	0.002	-	-	-
NECHES	193NE	1,494	0.084	-	-	-	-	-	0.006	-	0.078	0.001	-	-	-
NECHES	197NE	151	0.013	-	-	-	-	-	-	-	-	0.013	-	-	-
NEW CANEY	304NC	1,647	0.628	0.001	0.002	-	-	0.003	0.593	-	0.003	0.007	0.010	0.010	-
NEW CANEY	333NC	5,360	0.050	0.002	-	-	0.000	0.000	0.021	0.005	0.001	0.001	-	0.005	0.016
NEW CANEY	334NC	6,494	0.085	0.001	-	0.003	0.021	0.054	0.000	-	0.004	-	0.001	-	-
NEW CANEY	335NC	2,100	0.788	-	-	0.009	-	0.095	0.002	0.001	0.001	0.679	-	-	0.001
NEW CANEY	336NC	4,657	0.011	0.000	-	-	-	0.000	0.008	-	-	0.003	-	-	-
NEW CANEY	337NC	583	0.017	-	-	-	-	-	-	0.003	0.014	-	-	-	-
NEW CANEY	338NC	2,423	0.062	-	0.001	0.009	0.012	0.031	0.001	0.000	0.001	0.003	-	0.002	0.001
NORTH END	21NOE	1,912	0.021	-	-	0.011	0.004	0.001	-	-	-	0.002	0.004	-	-
NORTH SILSBEE	471NS	1,097	0.119	-	0.007	-	0.002	0.040	0.001	-	0.060	0.005	0.003	-	0.002
NORTH SILSBEE	472NS	336	0.030	0.003	-	-	0.006	0.003	-	0.012	-	-	-	0.006	-
OAK RIDGE (TX)	740OK	1,259	1.310	-	-	0.084	1.145	-	0.012	0.001	0.044	0.001	0.019	-	0.005
OAK RIDGE (TX)	741OK	835	0.402	-	-	-	0.016	-	0.387	-	-	-	-	-	-
OAK RIDGE (TX)	742OK	233	0.494	0.094	-	-	0.163	-	0.223	-	0.013	-	-	-	-
OAK RIDGE (TX)	743OK	499	0.000	-	-	-	-	-	-	-	-	-	-	-	-
OAK RIDGE (TX)	744OK	2,895	0.117	-	0.000	0.003	0.009	0.033	0.019	0.006	0.048	-	-	-	-
OAK RIDGE (TX)	745OK	1,772	0.677	-	-	0.015	0.013	0.118	0.041	0.312	0.028	0.002	0.003	0.145	-
OILLA	345OI	1,461	0.149	-	-	0.001	-	0.081	-	0.003	0.032	-	-	-	0.032
ORANGE	350ON	955	0.203	0.012	-	0.002	0.017	-	0.002	-	0.003	-	-	0.127	0.041
ORANGE	351ON	499	0.409	-	-	-	-	-	-	-	0.393	-	-	0.016	-
ORANGE	352ON	921	0.233	-	-	-	-	0.039	-	0.004	-	0.167	0.009	0.009	0.005
PANORAMA	525PA	1,405	0.027	-	-	-	-	-	0.027	-	-	-	-	-	-
PANSY	184PS	435	0.060	0.002	-	-	-	-	0.044	0.014	-	-	-	-	-
PANSY	185PS	1,316	0.021	-	-	-	-	-	0.002	-	-	-	-	0.018	-
PARKWAY	350PW	950	0.401	-	0.177	0.006	0.093	0.100	0.002	-	0.016	-	0.003	0.001	0.003
PARKWAY	782PW	347	0.049	-	-	-	0.049	-	-	-	-	-	-	-	-

ATTACHMENT B

Substation Identification	Feeder Identification	Number of Customers	2016 Veg SAIFI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
PEE DEE	806PD	2,566	0.070	-	-	0.033	0.002	0.014	0.006	0.001	0.011	-	-	-	0.004
PEE DEE	808PD	921	0.148	-	-	-	0.113	0.005	-	0.001	0.020	-	-	-	0.009
PEE DEE	809PD	1,618	0.068	-	0.003	0.001	0.035	0.005	0.001	-	0.001	0.016	0.001	0.005	0.001
PLANTATION (TX)	545PL	1,121	0.803	0.002	-	0.003	0.355	0.048	0.126	-	0.169	0.001	0.095	-	0.005
PLANTATION (TX)	546PL	873	0.356	-	-	-	-	0.033	0.234	-	0.047	0.041	0.001	-	-
PORT ACRES BULK	70PAS	830	0.006	0.004	-	-	-	-	0.002	-	-	-	-	-	-
PORT ACRES SUB	67PTA	587	0.024	-	-	-	0.024	-	-	-	-	-	-	-	-
PORT ACRES SUB	68PTA	1,269	0.010	-	-	-	-	0.007	-	-	0.002	-	-	-	-
PORT NECHES	45PTN	909	0.025	-	-	-	-	-	-	-	-	-	-	0.025	-
PORT NECHES	46PTN	1,275	0.108	-	-	-	-	-	-	-	-	0.098	-	0.009	0.001
RAYWOOD	73RAY	529	0.151	-	-	-	-	0.053	-	0.064	-	0.008	0.019	0.008	-
RAYWOOD	74RAY	1,092	0.098	-	-	0.045	-	0.017	-	0.001	-	0.002	-	0.011	0.023
RAYWOOD	75RAY	119	0.025	-	-	-	-	-	0.017	-	-	0.008	-	-	-
RIVTRIN	268RV	2,622	0.497	0.014	0.001	0.018	0.006	-	0.006	-	0.214	0.010	0.010	0.190	0.029
RIVTRIN	269RV	3,018	0.477	-	0.016	0.037	0.135	0.024	0.048	0.011	0.099	0.031	0.010	0.050	0.017
ROSEDALE (TX)	151RS	1,270	0.039	-	-	-	-	-	-	0.020	-	0.002	-	-	0.017
ROSEDALE (TX)	152RS	737	1.023	-	-	-	-	0.993	0.014	-	-	0.001	0.015	-	-
ROSEDALE (TX)	153RS	757	0.075	-	-	-	-	0.034	0.028	-	-	-	-	-	0.013
SARATOGA	761SA	431	0.678	0.044	0.002	0.021	0.297	0.285	0.005	-	-	-	-	0.023	-
SHEAWILL	536SH	1,331	0.037	0.002	-	-	0.003	0.002	-	-	0.023	-	0.007	-	-
SILSBEE	461SI	537	0.268	-	0.015	-	0.030	0.007	0.175	0.041	-	-	-	-	-
SILSBEE	462SI	804	0.270	0.021	-	-	-	0.014	0.050	-	0.024	0.012	0.004	0.071	0.075
SILSBEE	463SI	760	0.032	-	-	0.026	-	0.005	-	-	-	-	-	-	-
SOMERVILLE	126SO	852	0.001	-	-	-	-	-	-	-	0.001	-	-	-	-
SOUR LAKE	104SL	369	0.008	-	-	-	-	-	-	-	-	-	0.003	-	0.005
SOUR LAKE	105SL	1,237	0.111	-	-	-	-	-	0.045	0.062	-	-	-	0.002	0.001
SOUTH LIBERTY	714SL	120	1.250	-	-	-	0.092	0.008	0.008	0.117	-	-	-	1.025	-
SPLENDORA	307SP	1,600	1.313	0.013	0.329	-	0.146	-	0.134	-	0.179	0.503	-	0.010	-
SPLENDORA	308SP	2,090	0.685	-	0.002	0.001	-	-	-	0.004	0.012	0.665	0.001	-	-
SPLENDORA	309SP	1,356	0.086	-	-	0.010	0.011	0.012	0.006	0.002	-	0.021	0.002	0.022	-
SPURLOCK	98SPU	724	0.001	-	-	-	-	-	0.001	-	-	-	-	-	-
STONEGATE	92STG	2,014	0.045	-	-	-	-	0.004	-	-	-	-	-	0.042	-
STOWELL	231ST	1,014	0.011	-	-	0.008	-	-	0.003	-	-	-	-	-	-
STOWELL	232ST	1,155	0.500	-	-	0.001	0.003	-	-	-	-	-	-	0.497	-
STOWELL	233ST	666	0.002	-	-	-	-	-	0.002	-	-	-	-	-	-
TAMINA	316TA	313	1.153	0.006	-	-	0.019	-	-	0.003	1.125	-	-	-	-
TAMINA	317TA	938	0.915	-	0.006	-	0.080	0.684	0.018	0.008	0.015	0.004	0.014	0.085	-
TAMINA	598TA	839	0.455	0.002	0.033	0.027	0.061	0.029	0.134	-	-	0.167	0.002	-	-
TAMINA	599TA	450	0.040	-	-	-	-	-	0.002	-	-	-	-	0.038	-
TANGLEWOOD	134TG	2,226	0.038	-	-	-	-	0.013	0.025	0.000	-	-	-	-	-
TANGLEWOOD	135TG	674	0.043	-	-	-	-	-	-	-	-	0.043	-	-	-
TANGLEWOOD	136TG	620	0.065	-	-	0.013	-	-	-	-	-	0.032	-	-	0.019
TANGLEWOOD	137TG	1,520	0.225	0.006	-	-	0.093	0.017	-	-	0.054	-	0.055	-	-
TEMCO	627TE	892	0.148	-	-	-	0.005	-	0.047	-	0.002	0.006	0.031	-	0.057
TEMCO	628TE	395	1.046	-	-	0.008	-	-	0.709	0.066	0.180	-	-	0.018	0.066
TRANSCO	48TCO	210	0.076	-	-	-	-	-	0.038	-	0.038	-	-	-	-
TRAVIS	11TRV	24	0.208	-	-	-	-	0.208	-	-	-	-	-	-	-
TYRRELL	37TYR	513	0.072	-	-	-	-	0.072	-	-	-	-	-	-	-
VIDOR	161VD	610	0.038	-	-	-	0.002	-	-	-	0.034	-	-	-	0.002
VIDOR	162VD	1,876	1.070	0.005	0.002	1.028	0.027	-	0.002	-	0.005	-	-	0.002	-
VIDOR	163VD	1,690	0.230	0.026	-	0.038	0.040	0.001	0.017	0.001	0.023	0.018	-	0.020	0.047
VIDOR	164VD	877	0.121	-	-	0.113	0.002	-	-	0.002	0.001	-	-	0.002	-
VIRGINIA	130VI	1,027	0.008	-	-	-	-	-	-	-	-	-	-	0.008	-
VIRGINIA	131VI	1,392	0.022	-	-	-	-	-	-	-	0.006	0.008	0.007	-	0.001
VIRGINIA	132VI	612	0.085	-	-	-	-	-	-	0.002	0.083	-	-	-	-
VIWAY	681VI	964	0.063	-	-	0.011	-	-	-	0.050	0.002	-	-	-	-
VIWAY	682VI	1,798	0.133	0.003	-	0.019	0.004	0.005	0.021	0.050	0.017	0.010	0.003	-	0.002
WALDEN	563WD	1,937	0.011	-	-	-	-	0.001	-	-	0.010	-	-	-	-
WARREN	506WR	1,328	0.654	-	0.051	0.108	0.001	-	0.264	0.054	0.135	0.010	0.005	0.013	0.014
WARREN	592WR	2,248	0.371	0.006	0.006	0.068	0.005	0.013	0.023	0.031	0.170	0.033	0.002	0.006	0.009
WEST END	85WED	527	0.076	-	-	-	-	0.017	-	-	0.015	0.044	-	-	-
WEST END	86WED	485	0.198	-	-	-	-	0.002	-	-	0.074	-	-	0.014	0.107
WEST END	88WED	917	0.279	-	-	-	-	0.034	-	-	0.211	-	0.035	-	-
WEST ORANGE	392WO	643	0.196	-	-	-	-	-	0.019	0.012	0.142	-	-	0.012	0.011
WEST ORANGE	393WO	661	0.254	0.061	-	0.169	-	-	-	0.024	-	-	-	-	-
WINFREE	340WN	462	0.035	-	-	-	-	0.013	-	-	0.007	0.015	-	-	-
WINFREE	341WN	729	0.085	-	-	-	-	-	-	-	0.008	0.006	0.001	-	0.070
WINFREE	342WN	1,174	0.449	0.001	-	-	-	0.092	0.010	0.003	0.074	-	0.269	-	-
WINSHIRE	240WS	937	0.111	0.035	-	-	0.060	-	-	-	-	-	-	0.016	-
WINSHIRE	241WS	1,080	0.003	-	-	-	-	0.003	-	-	-	-	-	-	-
WOODVILLE (TX)	593WD	705	1.651	-	0.021	-	0.023	0.001	0.587	0.001	0.003	1.014	-	-	-
WOODVILLE (TX)	594WD	1,182	1.364	0.012	-	-	0.026	0.004	0.212	0.024	0.993	0.003	-	0.090	-
WYNTEX	632WT	892	0.192	-	-	0.186	-	-	-	-	-	-	-	0.006	-
WYNTEX	634WT	1,323	0.285	-	0.005	-	0.061	-	-	0.007	0.023	-	0.187	0.002	-

ATTACHMENT B

Substation Identification	Feeder Identification	Number of Customers	2016 Veg SAIFI	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
YANKEE DOODLE	22YAN	2,111	0.003	-	-	-	-	0.001	-	0.001	-	-	-	-	0.002
YANKEE DOODLE	23YAN	560	0.077	0.007	-	-	-	0.038	-	-	-	0.032	-	-	-

The following files are not convertible:

41381_51_ETI 2018 VM Report

Attachments.xlsx

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Control Number: 41381



Item Number: 51

Addendum StartPage: 0

TREADAWAY, CATHY

From: noreply@puc.texas.gov
Sent: Monday, April 30, 2018 12:49 PM
To: TREADAWAY, CATHY
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Addendum Included No

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Entergy Texas, Inc.
Vegetation Management Report
Planning Year 2018

May 1, 2018

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In compliance with P.U.C. SUBSt. R. §25.96, Entergy Texas, Inc. (“ETI”) files its Vegetation Management Report. ETI’s report contains the required information under P.U.C. SUBSt. R. §25.96(f)(1) and generally follows the outline of this subsection of the rule.

P.U.C. SUBSt. R. §25.96(f)(1)(A & H)
Vegetation Management Program Goals and Measurements

The mission of the Vegetation Management Program is to support ETI’s customer service aspirations of exceeding established service targets with least cost expenditures. This will be accomplished with an aggressive program and contract strategies that maximize productivity and utilize new technologies, designed to reduce future workload. Specific Goals and Measures are as follows:

- A. Ensure Safety to ETI’s Customers:
 - Customer and employee safety is the most important goal at ETI. This goal is best accomplished by obtaining proper clearances, removal of danger trees, and an effective education and communication program.

- B. Provide Reliable Electric Service to ETI’s Customers:
 - Proper maintenance scheduling and obtaining appropriate clearances from trimming operations are necessary in order to maintain reliable electric service to ETI’s customers.

- C. Manage the Vegetation in a cost effective and environmentally sound manner:
 - By utilizing planning procedures to ensure the proper utilization of equipment, material and personnel, a balance can be maintained between cost effectiveness and environmentally sound treatments.

- D. To Reduce Future Maintenance Costs:
 - Incorporating proper clearances, sound pruning practices, removal of high maintenance trees, and a safe and effective herbicide program will reduce future costs.

- E. Measures:
 - Cycle Program – 2018 plan is to complete trimming of an estimated 2,086 distribution line miles. ETI monitors line mile progress weekly and makes adjustments as necessary to ensure completion of the plan.
 - Reliability: ETI develops a customer view SAIFI target and vegetation performance is monitored monthly to identify any negative trends and respond accordingly.

§25.96(f)(1)(F)

As of December 31, 2017, ETI has 11,520 miles of overhead distribution miles in its system, excluding service drops.

§25.96(f)(1)(G)

As of December 31, 2017, ETI served 454,938 meters.

§25.96(f)(1)(I)

In order to implement ETI's 2018 Vegetation Management Plan, ETI has budgeted:

A. O&M:

- Scheduled Maintenance: \$8,153,869
- Unscheduled Maintenance Herbicide/Reactive \$775,000
- Skyline/Hazard Tree \$500,000

B. Storm/Post Storm Activities:

- Smaller storms are funded from the Unscheduled Maintenance.
- Larger storms are funded by ETI's storm reserves.

§25.96(f)(1)(B-E)

A summary of ETI's Vegetation Management Plan, which, at a minimum, includes the items under §25.96(e) and follows the outline of this subsection:

§25.96(e)(1) tree pruning methodology, trimming clearances, and scheduling approach;

ETI has a comprehensive Vegetative Management Plan that covers tree pruning methodologies and pruning cycles, hazard tree identification and mitigation plans, and customer education and notification practices as explained in the following paragraphs.

ETI's distribution vegetation management program uses a multi-tiered approach to total ROW management in order to strive to provide safe and continuous electrical service to its customers, and is recognized by the Arbor Day Foundation as a Tree Line USA utility. ETI employs six Operations Coordinators ("OCs") to oversee the vegetation management program in 12 regional zones or networks. These subprograms include:

- Proactive (planned) Maintenance Program –

Also referred to as cycle maintenance, this program is the backbone of ETI's Vegetation Management Plan. ETI assigns a tailored cycle time (time between trims) to each feeder based on such factors as growth rates, type and density of side and floor vegetation, vegetation-related outage information, time from last maintenance trim, and other reliability metrics. Field inspections also play a vital role in cycle assignment and adjustment. Target pruning cycles can range from two (2) to eight (8) years. Actual ROW work is conducted by trained professional contractors using an Entergy-standard trimming specification that complies with the ANSI A300 (Part 1) Standard-2008 Revision. ETI

inspects 100% of all proactive work performed annually. ETI's detailed Trim Specifications can be viewed in Appendix A. Below are ETI's Trim Specification Clearances:

Minimum Acceptable Tree to Primary Wire Clearances – Below and Side Clearances			
Rate of Tree Growth	Urban (ft.)	Rural (ft.)	Example Tree Species
Slow	6	10	conifers, live oak, eastern red cedar, southern magnolia
Fast	10	15	sugarberry (hackberry), sweetgum, elm, water oak, sycamore, willow, chinese tallow. pecan, maple, ash, hickory, black cherry

- **Reactive (unplanned) Maintenance Program –**
 A reactive component is essential to address unplanned safety or reliability concerns affecting distribution lines in a timely fashion. ETI's reactive maintenance program addresses customer requests for trimming, emergency situations, and other maintenance needs outside the annual trim plan. For tracking purposes, these work types are split into several categories: SR TRIM – Service Request from External Customer.
 - Inspected by ETI service personnel for validity.
 - Service personnel will trim if work can be completed within 30 minutes.
 - SR VEGE – Service Request from External Customer that cannot be completed within 30 minutes by service personnel.
 - SR VINT – Service request from internal customer, such as service or network personnel.

- **Hazard Tree ID & Removal Program –**
 In 2002, Entergy, on behalf of ETI and other Entergy operating companies, developed the system-standard Danger Tree Patrol Process. This guideline identifies the timeline for hazard tree patrols and the physical attributes Operations Coordinators (“OC’s” - ETI employee who performs patrols and oversees vegetation work) will look for while conducting patrols:
 1. Timeline
 - Weekly– ETI maintains a weekly reliability analysis tool for Vegetation Management, allowing for fast response to increased hazard tree outages. In addition, ETI maintains a list of historically poor performing distribution circuits for automatic annual inspection.

- April – Patrols begin on a per-circuit basis to coincide with leaf-out (the emergence of leaves on hardwood trees). Work is passed to contractors upon completion of each feeder patrol.
- June 30- All danger tree removals complete.

2. Criteria

- Dead trees with overhang
 - Dead trees straight up or leaning toward the line
 - Trees with a lean toward the line
 - Trees uprooting toward the line
 - Trees in decline, diseased or decaying (e.g.: lighting, base rotting, or weakened)
 - Broken limbs overhanging the line
 - Bad crotch/Co-dominant stems that have branches overhanging the line or angle towards the line
 - Dead branches on a live tree that overhangs the line
 - Vines $\frac{3}{4}$ or more up the pole
 - Trees that are in imminent danger (e.g.: within one or two working days) of falling into a conductor, use the reactive process discussed above
- “Skyline” Overhang Removal Program –
“Skylining” refers to the removal of any limb capable of falling or hinging down upon energized conductors. ETI uses skylining on a limited basis, primarily on the main trunk of feeders, to decrease the potential for outages on these high customer-count line segments. This work is usually conducted in conjunction with normal cycle maintenance but is also performed as needed reactively when conditions merit.
 - Herbicide Application Program –
OCs identify areas where vines are a recurring problem, create maps, and hand off to spray crews. Patrols begin in March and continue through the main part of the growing season as needed. In addition, ETI uses foliar and basal applications within the ROW to control woody species. The herbicide floor work is bid out yearly on a circuit-by-circuit base. Bids normally go out in Mid-April and work would commence by Late Spring/Early Summer.

Guidelines for Herbicide Treatment:

- A. All work will be performed according to federal, state and local regulations. All products must be used consistent with label. **THE LABEL IS THE LAW.**
- B. The contractor is responsible for all applications, record keeping and disposal of containers.

- C. Herbicides are to be applied by qualified applicators. A qualified applicator is a person who has been trained regarding the product, application methods and meets all federal and state requirements.
- D. The use of herbicides to control undesirable vegetation is utilized as a means of making ETI's vegetation management program more effective.
- E. The following application methods are approved for use on the ETI distribution system:
 1. High/Low Volume Foliar Applications
 2. Cut Stump Treatments
 3. Basal Applications
 4. Soil Applications
- Tree Growth Regulator ("TGR") Program – Using a basal drench application technique and customized chemical amounts per Diameter Breast Height ("DBH") and tree species as specified by Utility Application Guide published by Rainbow Treecare Scientific Enhancements, ETI has concluded that the treatment cycle times can be safely increased without negatively affecting reliability in urban or otherwise maintained areas. This program is in the developmental stages. ETI uses the application specifications below for treatment candidates:
 - Any woody species with DBH greater than eight inches capable of growing into overhead primary conductors
 - Any woody species directly under the overhead conductors that have traditionally been "V" trimmed
 - Any woody species with large structural branches directly under the overhead conductors where re-growth could impact the overhead conductors. Any woody species not fitting the above descriptions but deemed as good treatment candidates by Contractor are addressed with local designated company representative on a case-by-case basis.

§25.96(e)(2) methods used to mitigate threats posed by vegetation to applicable distribution assets;

Various methods are currently utilized by ETI to mitigate threats posed by vegetation. ETI's Cycle based maintenance program is the backbone of the Vegetation Management plan and a majority of the threats posed by vegetation are mitigated at the time the feeder is trimmed. ETI's goal is to commence work on feeders prior to trees growing into the conductors. ETI realizes that its cycle based maintenance program cannot mitigate every potential vegetation threat, so ETI also relies on its Distribution Line Groups, Internal and External Customers to inform the vegetation management group

of threats posed by vegetation. This is ETI's Reactive Program. Please refer to section (1) sub-section below titled Reactive (unplanned) Maintenance Program for additional information.

ETI requests that its external customers call 1-800-ENTERGY if they view potential vegetation issues. Entergy Customer Service Center ("CSC") agents are the first point of contact for any customer with a tree concern. Being on the frontline gives the CSC agents excellent opportunities to inform customers about ETI's Vegetation Management policies.

The CSC agents receive thousands of tree-related requests annually. For any call, the first goal of the CSC agent is to determine the nature of the request. Emergencies are immediately forwarded to the Distribution Operation Center (DOC) for dispatch.

Non-emergency requests go through a question-and-answer process to determine what the customer needs, and what ETI can provide. For all reasonable requests, the CSC agent creates either an SR TRIM for trimming related requests or an SR VEGE for tree removal requests. All SR TRIMs go to the appropriate local service center for scheduling and inspection.

Servicemen are scheduled 30 minutes per each vegetation customer request. This time period includes inspection, some light trimming, and/or to inform the customer that their request is not something ETI can accommodate.

However, if the trimming is necessary but cannot be handled by the serviceman, he/she makes contact to inform the customer, and turns it over to Vegetation Management for completion.

Once an SR TRIM is turned over to Vegetation Management, it becomes an SR VEGE. All SR VEGEs are inspected by trained tree trimming contractors for validity, and schedule the work accordingly.

ETI's tree trimming contractors are required to inspect, contact the customer, and complete all necessary work within a 10 business day commit timeframe.

§25.96(e)(3) tree risk management program;

ETI's goal is to improve and promote long term distribution reliability and safety at a minimum cost by reducing the number of defective trees from falling near or into electrical distribution facilities. ETI's Vegetation Tree Risk Management program attempts to mitigate this threat by targeting:

- Dead trees with overhang
- Dead trees straight up or leaning toward the line
- Trees with a lean toward the line
- Trees uprooting toward the line
- Trees in decline, diseased or decaying (e.g.: lightning, base rotting, insect infestations or weakened)
- Broken limbs overhanging the line

- Bad crotch/Co-dominant stems that have branches overhanging the line or angle towards the line
- Dead branches on a live tree that overhangs the line
- Trees that are in imminent danger (e.g.: within one or two working days) of falling into a conductor, use the reactive process discussed above

§25.96(e)(4) participation in continuing education by the utility’s internal vegetation management personnel;

ETI’s management supports all Vegetation Management OC’s in obtaining credentials that support the continued advancement of Integrated Vegetation Management (“IVM”). Examples of this include: Arborist Certification, Texas Department of Agriculture Pesticide Certification, Utility Arborist Certification, Texas Vegetation Management Association involvement, Tree Risk Assessment Qualifications, and other industry trade qualification or associated education.

§25.96(e)(5) estimate of the miles of circuits along which vegetation is to be trimmed or method for planning trimming work for the coming year;

Every circuit in the ETI has its own cycle. Cycles are calculated by determining the voltage, the amount of clearance obtained from last trim cycle, the percentage of fast growing tree species, Tree Species re-growth rates, vegetation-related outage information, other reliability metrics, and the last trim date. Target pruning cycles can range from two (2) to eight (8) years. Vegetation Personnel work with the state Vegetation Manager and line personnel to adjust cycles to maximize reliability and/or customer satisfaction. In 2018, ETI plans to trim approximately 2,086 Distribution Line Miles.

§25.96(e)(6) plan to remediate vegetation-caused issues on feeders which are on the worst vegetation-caused performing feeder list for the preceding calendar year’s System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI); and

In the last Quarter of each year, ETI vegetation management will view all reliability data for the previous 12 month period on every ETI feeder. Through this process, ETI vegetation management will select the feeders that are responsible for 50% of the Customer Interruptions (SAIFI) and Customer Minute durations (SAIDI). The feeders chosen from this selection process makes up ETI’s WOW feeder list (Worst of the Worst). Each OC has from January to March to inspect these feeders and determine the work that needs to be completed. Once the inspection is done, the work is handed off to ETI contractors, who have until June to complete the identified work.

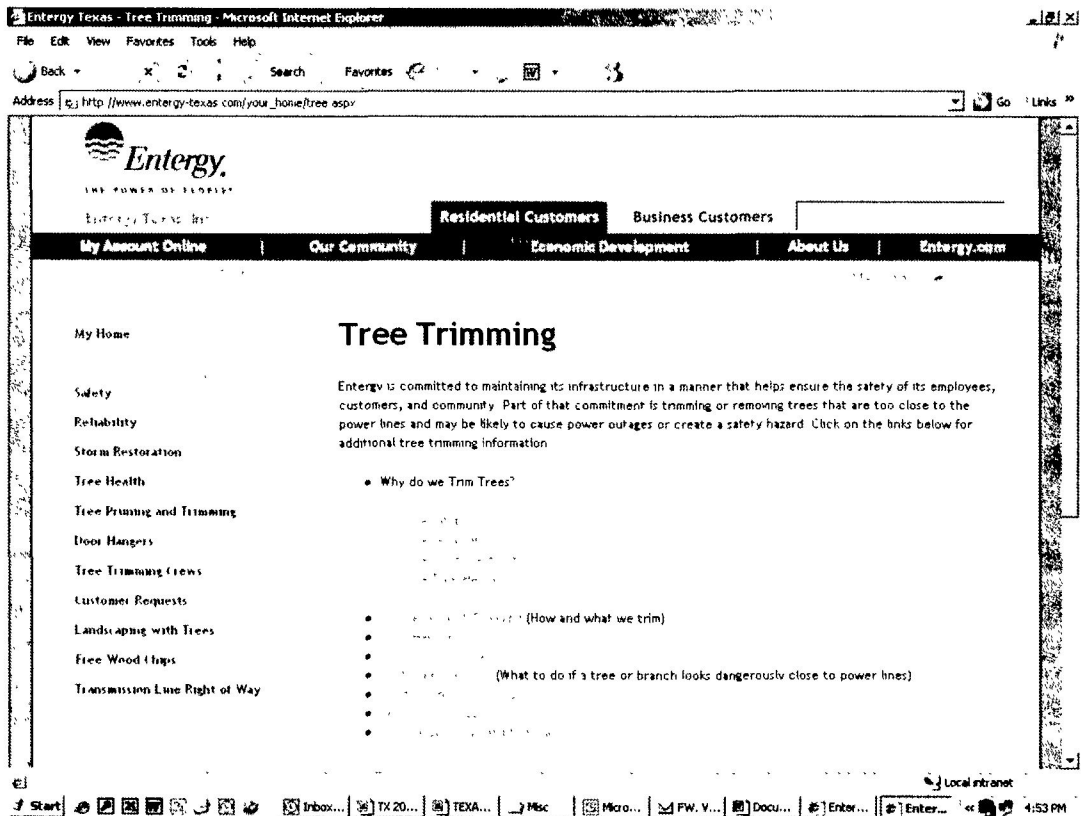
§25.96(e)(7) customer education, notification, and outreach practices related to vegetation management.

ETI employs a multi-tiered approach to customer contact and education with regard to Vegetation Management (“VM”), with the goal of keeping our customers informed. This includes:

A. Direct Customer (internal and external) Contact:

1. VM personnel maintain a working plan for all maintenance work to be completed within a calendar year. As a project is queued to begin, the VM field operative informs internal customers of the work scope via email.
2. Communications Specialists draft and circulate a news release with pertinent information in local newspapers and social media channels.
3. VM utilizes the Predictive Dialer process in order to initiate pre-recorded calls to all customers in the area affected by maintenance trimming, utilizing contact information on their accounts.
4. As the VM crews move into the work project area, they go door to door notifying customers of the impending work. If the customer is not at home, a green door hanger is left at the residence. A contact name and number is included on the card for customers with questions regarding their property.
5. To the extent the VM crews were unable to complete the daily cleanup, the orange door hanger is used to let the customer know when they will return to complete the cleanup.
6. For non-maintenance related customer concerns regarding vegetation, personal contact is attempted as well. However, if the customer cannot be contacted, the VM personnel still completes the site assessment and completes any work ETI is responsible for that can be completed at the time. If ETI needs to return another day for the work, the customer is notified of this. If the customer is not at home, a red door card is used to inform them of the site assessment and what has been done and/or needs to be completed, as well as who is responsible for completing the work.
7. During maintenance and non-maintenance customer visits, ETI VM personnel also use two booklets :
 1. Best Management Practices Series – Utility Pruning of Trees
 2. A tree planting guide created by Entergy entitled “What to Plant and Where to Plant it.” Both of these booklets are very helpful in educating the public.

- B. Web-Based Communication:** ETI maintains an extensive website to keep customers informed. This website can be viewed at:
http://www.entergy-texas.com/your_home/tree.aspx.



Topics covered at this site include:

3. Tree trimming: The reasons ETI maintains the vegetation within and around the right of way (“ROW”), which includes safety, reliability, storm restoration, and tree health.
2. Door hangers: Allows customers to verify the door card on their door is an actual ETI approved door card.
3. Tree trimming crews: Discusses the tree trimming contractors ETI employs.
4. Customer requests: How to contact an ETI representative regarding a tree concern.
5. Landscaping with trees: A request to LOOK UP before you plant.
6. Free wood chips: A great mulch alternative for free.
7. Transmission Line Right of Way: Discusses ETI’s transmission line obligations.

- C. Public Forum: ETI meets on a periodic basis with community leaders and public officials. The topics discussed in these meetings vary, and will include vegetation management when appropriate.

§25.96(f)(2) 2015 Vegetation Implementation Summary:

(A) whether the utility met its vegetation maintenance goals and how its goals have changed for the coming calendar year based on the results:

- ETI met the goals listed on page 2. Goals set for the coming year will be based on the same measures.

(B) successes and challenges with the utility's strategy, including obstacles faced, such as property owner interference, and methods employed to overcome them:

- Continued funding allowed in 2017 for Hazard Tree work, was a proven success in improving reliability. Preplanning routine work alerts the property owners of upcoming work and mitigates many customer issues.

(C) the progress and obstacles to remediating issues on the vegetation-caused, worst performing feeders list as submitted in the preceding year's Report:

- Removing historic levels of dead trees allowed a positive performance from the preceding year.

(D) the number of continuing education hours logged for the utility's internal vegetation management personnel, if applicable:

- As stated on page 8 of this document, ETI's management supports all Vegetation Management OC's in obtaining credentials that support the continued advancement of IVM. Examples of this include but are not limited to: Arborist Certification, Texas Department of Agriculture Pesticide Certification, Utility Arborist Certification, Texas Vegetation Management Association involvement, Tree Risk Assessment Qualifications, and other industry trade qualification or associated education. ETI Vegetation personnel are 100% compliant on all mandated training and achieved 42.5 hours of continuing education hours in 2017.

(E) the amount of vegetation management work the utility accomplished to achieve its vegetation management goals described in paragraph (1)(A) of this subsection:

- ETI completed 100% of the line miles planned in the 2017 cycle program. Reliability improved due to the removal of hazard trees, and needed reactive trimming on out of cycle vegetation due to early rainfall.

- **(F) the separate SAIDI and SAIFI scores for vegetation-caused interruptions for each month and as reported for the calendar year in its Service Quality Report filed pursuant to P.U.C. Subst. R. §25.52 of this title (relating to Reliability and Continuity of Service) and P.U.C. Subst. R. §25.81 of this title (relating to Service Quality Reports), at both the feeder and company level:**
 - See Attachment A for SAIDI
 - See Attachment B for SAIFI

(G) the vegetation management budget, including, at a minimum:

(i) a single table with columns representing:

(I) the budget for each category and subcategory that the utility provided in the preceding year pursuant to paragraph (1)(I) of this subsection, with totals for each category and subcategory;

(II) the actual expenditures for each category and subcategory listed pursuant to subclause (I) of this clause, with totals for each category or subcategory;

(III) the percentage of actual expenditures over or under the budget for each category or subcategory listed pursuant to subclause (I) of this clause; and

(IV) the actual expenditures for the preceding reporting year for each category and subcategory listed pursuant to subclause (I) of this clause, with totals for each category or subcategory:

<u>Category</u>	<u>Subcategory</u>	<u>2017</u> <u>Actuals</u>	<u>2017</u> <u>Budget</u>	<u>% Variance</u> <u>(2017 Actuals</u> <u>vs Budget)</u>	<u>2018</u> <u>Budget</u>
Scheduled	Proactive Cycle Trim	\$8,695,596	\$8,177,127	6%	\$8,153,869
Unscheduled	Herbicide / Reactive	\$2,297,567	\$775,000	196%	\$775,000
Unscheduled	Skyline/Hazard Tree	\$536,648	\$500,000	7.5%	\$500,000
	TOTAL – Vegetation Management	\$11,529,811	\$9,452,127	22%	\$9,428,869
Unscheduled	Contract Forester	\$20,914	\$0	N/A%	
	TOTAL – including other ETI Depts	\$11,550,725	\$9,452,127	22%	\$9,428,869
Storm	Storm	\$1,048,064	\$0	N/A%	-
	GRAND TOTAL	\$12,598,789	\$9,452,127	33%	\$9,428,869

(ii) an explanation of the variation from the preceding year’s vegetation management budget where actual expenditures in any category or subcategory fell below 98 percent or increased above 110 percent of the budget for that category:

o ETI budgets vegetation maintenance categories and subcategories based on historic expenditures and performance with the goal of maximizing the reliability provided by the overall, total vegetation budget. Each year presents different challenges (i.e. amount of rainfall) that require adjustments or shifts between categories and/or subcategories to address these challenges. However the ultimate goal is provide a high level of reliability to our customers.

(iii) the total vegetation management expenditures divided by the number of electric points of delivery on the utility’s system, excluding service drops:

o $\$12,598,789 - \$1,048,064 / 454,938 = \$25.39$
(excludes storm reserves expenditures)

(iv) the total vegetation management expenditures, including expenditures from the storm reserve, divided by the number of customers the utility served:

o $\$12,598,789 / 454,938 = \27.69
(includes storm reserve expenditures)

(v) the vegetation management budget from the utility’s last base-rate case:

o ETI’s 2013 base-rate case filing included \$5,956,880 for O&M distribution vegetation management.

ATTACHMENT A

Entergy Texas, Inc.
PROJECT NO. 41381 - \$25.96. Vegetation Management
SAIDI scores for vegetation-caused interruptions by month at both the company and feeder level

Note: Results are for Distribution assets operating at less than 60 kV, for which ETI needs to perform vegetation maintenance. Thus results exclude substations, underground facilities, and service drops. Feeder list shows Distribution feeders on Texas System with 10 or more customers that had vegetation-caused interruptions .

ETI 2017 System Vegetation SAIDI

Total Veg SAIDI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
31 069	5 514	0.726	4 298	5 465	2.420	1.676	2 895	3.641	2.342	0.608	0.340	1 144

ETI 2017 Feeder Vegetation SAIDI

Substation_Name	Feeder_ID	Customers	Total Veg SAIDI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ADAMS BAYOU	332AD	546	248.34	246.63	0	0	0	0	0	1.71	0	0	0	0	0
Alden Brdge	762AL	5544	6.56	2.76	0	0.29	0	0.31	2.76	0.04	0.17	0.22	0.02	0	0
Alden Brdge	765AL	666	0	0	0	0	0	0	0	0	0	0	0	0	0
Alden Brdge	770AL	812	7.96	0	0	0	0.13	0	0.8	0	7.03	0	0	0	0
AMELIA BULK	180AM	1411	8.26	0	0	0	0	0	0	0	0	0	8.26	0	0
AMELIA BULK	181AM	2310	0.09	0	0	0	0.09	0	0	0	0	0	0	0	0
AMELIA BULK	182AM	969	65.3	0	0.53	64.77	0	0	0	0	0	0	0	0	0
APOLLO	320AP	2012	75.48	37.35	0	8.65	3.52	1.03	0	1.39	0	0.03	23.49	0	0
APOLLO	321AP	1467	136.81	0	0	0	0	123.28	2.79	0	0	0	10.74	0	0
APRIL	592AP	1104	0.3	0	0	0	0	0	0	0.3	0	0	0	0	0
BATSON	53BAT	918	5.09	1.11	0	1.96	0	0	0.34	0.8	0.5	0.14	0.24	0	0
BAYSHORE	211BA	1061	9.6	0	0	6.23	0.18	0	1.19	1.92	0.08	0	0	0	0
BAYSHORE	213BA	1776	2.61	0	0	2.37	0.09	0.09	0.05	0	0	0	0	0	0
BENTWATER	520BW	2011	70.6	15.82	2.1	33.69	0	0	0.08	14.1	0.31	4.5	0	0	0
BENTWATER	521BW	2065	0.08	0	0	0	0	0	0.08	0	0	0	0	0	0
BEVIL	154BE	2435	3.36	0.24	0	0.18	0	1.38	0.19	0	0.18	1.19	0	0	0
BEVIL	155BE	4061	91.91	29.76	0.57	18.77	0.45	0.35	0.21	10.94	30.87	0	0	0	0
BEVIL	156BE	601	7.38	0	0	1.37	1.28	0.5	0	0.11	4.12	0	0	0	0
BRIARCLIFF	30BRC	2404	1.45	0	0	0	0	0.25	0.11	0.49	0	0.6	0	0	0
BRIARCLIFF	31BRC	873	91.21	15.37	4.71	12.27	0.6	0	0	25.92	31.16	0	0	0	1.18
BRIARCLIFF	32BRC	1286	21.59	0	0.91	0	3.34	0	4	7.94	4.3	0	1.09	0	0
BRIARCLIFF	33BRC	303	60.55	0	0	0	0	0	0	5.23	0	0	55.33	0	0
BRIDGE CITY	360BD	1125	45.09	0	0	0	0	0	0.09	0	0.22	0.45	44.33	0	0
BRIDGE CITY	362BD	1174	4.99	0	0	0	0	1.25	0.9	0	0.21	0	2.64	0	0
BRIDGE CITY	363BD	2146	13.34	0	0	0	12.76	0	0.22	0	0	0	0	0	0.36
BROOKS CREEK	270BC	49	0	0	0	0	0	0	0	0	0	0	0	0	0
CALDWELL INDUS	138CI	707	93.12	2.7	5.47	0	0	84.07	0	0	0	0	0	0	0.89
CALVERT	4CAL	2176	60.31	0	36.52	12.82	1.73	7.18	1.05	0.21	0.03	0.21	0.53	0	0.05
CALVERT	6CAL	1609	43.73	7.94	9.8	0	0	25.74	0.25	0	0	0	0	0	0
CEDAR	698CE	23	410	410	0	0	0	0	0	0	0	0	0	0	0
CENTRAL	132CE	1817	9.72	0	0	0	0	0	0	0	9.72	0	0	0	0
CENTRAL	133CE	1607	1.37	0	0	0	0	0	0.21	0	0	0	0.31	0	0.84
CHEEK	159CH	543	3.31	0	0	0	0	0	0.11	0	1.84	0.68	0	0.68	0
CHEEK	160CH	708	3.6	0	0	0	0	3.6	0	0	0	0	0	0	0
CHEEK	166CH	366	39.98	0	0	2.4	0	0	37.58	0	0	0	0	0	0
CHINA	92CHI	659	0.25	0.25	0	0	0	0	0	0	0	0	0	0	0
CHINA	93CHI	1380	40	4.88	0	18.28	0	0	11.02	5.7	0	0	0.13	0	0
CLEVELAND (TX)	403CV	1521	19.76	0	12.46	4.3	0.44	0	0.2	0	2.36	0	0	0	0
CLEVELAND (TX)	404CV	1814	7.05	1.2	0	0	1.41	0	0	0	0.28	0.43	0.23	3.51	0
CLEVELAND (TX)	405CV	1867	68.59	7.1	0	0.27	3.23	0	0	2.7	0.16	6.25	48.55	0	0.34
CLEVELAND (TX)	406CV	1667	7.14	0	0	3.1	0	0.36	0.79	0.86	1.89	0.14	0	0	0
CLEVELAND (TX)	425CV	2688	66.18	47.19	0.07	0.01	14.78	0	0.15	0.64	0.93	0	1.9	0.49	0.01
CLEVELAND (TX)	426CV	3073	63.89	4.62	5.76	6.57	15.49	4.53	7.33	4.06	4.03	0	8.72	0	2.77
CONAIR	511CN	1592	4.73	0	0	2.08	2.65	0	0	0	0	0	0	0	0

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CONAIR	512CN	1255	2.31	1.84	0	0	0	0	0	0	0.47	0	0	0	0
CONAIR	513CN	1682	3.11	0	0	1.71	0	0	0	1.18	0.22	0	0	0	0
CONAIR	514CN	1226	122.98	120	0	0.67	1.68	0	0	0.19	0.08	0.14	0.23	0	0
CONAIR	515CN	830	0.26	0	0	0	0	0	0	0	0	0	0.26	0	0
CONROE BULK	507CN	2199	10.67	3.14	0	0	0	3.26	0.07	1.99	1	0.74	0.47	0	0
CONROE BULK	572CN	1455	18.22	0.36	5.92	0	0.55	0.4	0	10.92	0.07	0	0	0	0
CONROE BULK	574CN	2099	0.95	0.13	0	0.04	0	0	0.49	0	0	0	0	0	0.29
CONROE BULK	576CN	1422	0.04	0	0	0	0	0	0	0	0.04	0	0	0	0
CONROE BULK	577CN	641	1.73	0.1	0	0	0.94	0	0.7	0	0	0	0	0	0
CORDREY	324CO	1556	111.95	34.44	0	0	70.06	0	0.33	0.04	6.71	0.3	0.07	0	0
CORDREY	325CO	1598	102.41	12.77	0	0	69.71	0	3.51	4.21	0	12.08	0	0.14	0
CORDREY	326CO	1221	0.1	0	0	0	0	0	0	0.03	0	0	0.07	0	0
CORDREY	327CO	966	83.91	0.22	0	0.81	19	0	0	0.24	0	1.82	0	0	61.82
CORRIGAN BULK	238CR	611	253.96	173.65	0.68	15.29	0.14	0	44.42	1.25	4.89	0	12.63	0	1.01
CORRIGAN BULK	239CR	497	325.7	44.2	0	100.31	0	0	0	110.2	0	0	0	0	70.99
CROCKETT	195CR	991	8.26	0	0.93	0	1.49	2.51	0	3.33	0	0	0	0	0
CROCKETT	64CRK	1026	0.2	0	0	0	0	0.2	0	0	0	0	0	0	0
CROCKETT	65CRK	565	49.87	0	0	0	0	0	0	0	0	0.07	0	49.79	0
CROWDER	102CD	1754	1.37	1.37	0	0	0	0	0	0	0	0	0	0	0
CROWDER	103CD	1442	125.85	0	0	6.4	0	0	113.01	0	1.65	0	0	0	4.79
CROWDER	104CD	1642	20.77	0	0	0	4.69	4.43	0	3.26	8.18	0	0	0.21	0
CROWDER	105CD	932	1.46	0	0	0	0	0	0	1.46	0	0	0	0	0
CRYSTAL	566CR	1455	20.49	7.58	0	11.27	0.67	0	0	0.78	0.05	0	0.13	0	0
CRYSTAL	567CR	1316	8.6	8.02	0	0	0	0	0	0.09	0	0.5	0	0	0
CRYSTAL	570CR	1083	218.5	0.64	0	213.58	0	1.05	0	0	0	3.23	0	0	0
DAISETTA	741DA	256	14.89	0.47	0	0	0	14.42	0	0	0	0	0	0	0
DAISETTA	743DA	369	89.73	0	0	6.81	12.12	10.1	3.87	24.2	0	8.52	16.19	0	7.93
DAISETTA	744DA	705	40.57	5.99	0	0	2.37	0	0	31.67	0	0	0.23	0	0.31
DAYTON BULK	723DY	1019	27.91	1.74	0	0	2.1	16.15	6.92	0	1.01	0	0	0	0
DAYTON BULK	724DY	2245	10.7	0	0	4.1	0.12	1.69	0.53	1.92	2.27	0	0.06	0	0
DAYTON BULK	725DY	1534	0.78	0	0	0	0	0.66	0	0.08	0	0	0.05	0	0
DAYTON BULK	726DY	1563	32.28	12.47	0.84	2.67	3.16	2.52	5.28	2.51	0.27	0	1.78	0.79	0
DAYTON BULK	727DY	785	3.94	0	0	0	0	0	0	3.39	0.05	0	0	0	0.49
DOBBIN	519DO	1878	21.3	0.43	0	11.91	0.35	6.85	0.22	0.5	0.33	0	0	0	0.72
DOBBIN	920DO	1862	41.78	31.86	0	3.13	1.79	0.83	3.77	0	0.27	0.05	0	0	0.09
DOUCETTE	568DC	594	297.59	5.75	50.03	11.53	0.43	3.3	2.68	0.05	218.23	0.19	5.05	0.36	0
DOUCETTE	569DC	195	184.65	10.01	0	11.65	0	32.98	0	0	0	130	0	0	0
DOUCETTE	570DC	1127	113.37	14.33	0	0.8	0	21.34	52.29	3.83	0.06	1.09	13.08	5.54	1.02
EASTGATE	781EG	1092	4.04	0.93	0.98	1.51	0	0.21	0	0.1	0.3	0	0	0	0
ECHO	70ECH	1687	24.27	0	2.75	0.48	2.53	1.36	6.45	2.28	3.82	0	0	0	4.61
ECHO	71ECH	739	5.76	1.68	0	0	0	2.7	0	0	0.32	1.07	0	0	0
ECHO	72ECH	505	135.06	0	0	0	0	0	44.57	55.56	0	0	0	0	34.93
ECHO	73ECH	787	60.82	0	0	0	1.14	52	1.44	3.14	0.17	0	0	0.73	2.19
EGYPT	550EP	986	0.15	0	0	0	0	0	0	0.15	0	0	0	0	0
EGYPT	551EP	2479	34.84	0.04	0	0	0.03	0.13	0.1	13.47	0	21.08	0	0	0
EGYPT	552EP	1866	42.18	11.28	0.06	0	27	0	0.08	3.37	0.35	0	0.05	0	0
ELIZABETH	120EL	1380	15.72	0	0.51	0	0	0	0.14	14.85	0	0	0.22	0	0
ELIZABETH	121EL	1467	12.11	2.04	0	0	0.44	1.55	0	5.52	0	0.93	1.64	0	0
ELIZABETH	122EL	742	83.04	2.43	0	0	48.45	0	32.15	0	0	0	0	0	0
ELIZABETH	123EL	2626	20.54	10.57	1.65	0	0	0	0	0	0	0	6.56	1.77	0
FEDERAL	801FE	256	2.11	0	0	0	0	1.11	1	0	0	0	0	0	0
FLETCHER	456FL	832	36.26	0	0	28.75	0	2.96	4.55	0	0	0	0	0	0
FLETCHER	457FL	1529	34.46	0	0	15.38	2.38	1.44	7.08	7.11	0.25	0.13	0	0.68	0
FOREST	751FO	3875	23.24	1.77	0	13.02	0.49	0	0	5.69	0.68	1.59	0	0	0
FOREST	753FO	1704	76.06	0	0.08	0	0.53	5.63	0	54.93	14.82	0	0.06	0	0
FOREST	757FO	276	0	0	0	0	0	0	0	0	0	0	0	0	0
FOREST	759FO	724	18.6	0	0	0	11.65	3.84	0	0	0	3.12	0	0	0
FORT WORTH	12FTW	1476	0.99	0	0	0	0	0.58	0.41	0	0	0	0	0	0
FRONT STREET	310FR	560	0.84	0	0	0	0	0	0	0	0	0.84	0	0	0

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GEORGIA	670GE	693	122.08	3.1	0	42.91	0.07	2.04	18.29	22.34	7.17	0	25.65	0.53	0
GOREE	681GR	626	70.5	0	0	0	0	47.7	0	22.8	0	0	0	0	0
GOREE	682GR	1602	181.98	53.95	0	13.18	6.9	107.95	0	0	0	0	0	0	0
GOSLIN	709GL	3641	0.05	0.05	0	0	0	0	0	0	0	0	0	0	0
GRIMES	883GR	891	43.74	0	0	0	0	0	0	0.11	43.63	0	0	0	0
GRIMES	981GR	319	2.47	0	0	0	0	0.13	0	0	2.34	0	0	0	0
GRIMES	982GR	753	2.94	1.88	0	0	0.37	0	0	0	0.69	0	0	0	0
GROVES-EGSI	59GRO	1715	1.84	0	0	0	1.84	0	0	0	0	0	0	0	0
GROVES-EGSI	62GRO	1529	11.38	0	0	1.02	0.11	0	2.37	6.87	0	0.6	0	0.41	0
HAMPTON	158HA	1148	20.59	0.14	0	0	0.16	0	0.02	0	19.05	0	1.23	0	0
HANKAMER	206HA	672	26.99	0.78	0	0.27	17	0.13	0	1.37	0	0	4.47	0	2.96
HANKAMER	207HA	758	6.74	0.29	0	0	0	0	0	0	6.38	0.07	0	0	0
HANKS	22HKS	1141	0.22	0	0	0.22	0	0	0	0	0	0	0	0	0
HANKS	23HKS	1444	3.75	1.31	0	0.68	0.06	0	0	1.7	0	0	0	0	0
HANKS	24HKS	837	12.94	0	0.83	0	0	0	0	0	11.79	0	0	0.32	0
HANKS	25HKS	921	9.53	0	0	0	6.98	0	0	2.55	0	0	0	0	0
HARDIN	35HDN	821	292.45	0	0	0.1	276.52	3.48	0.34	0.79	10.71	0	0.08	0	0.43
HEARNE	25HRN	218	0.61	0	0	0.61	0	0	0	0	0	0	0	0	0
HEARNE	29HRN	329	2.53	0	0	0	0	0	0	0	2.09	0	0.44	0	0
HUMPHREY (TX)	106HM	1111	26.81	0	0	2.88	5.44	0	0	0	18.49	0	0	0	0
HUMPHREY (TX)	107HM	894	14.11	8.33	5.77	0	0	0	0	0	0	0	0	0	0
HUNTSVILLE	600HU	2146	35.62	5.09	1.82	1.53	8.32	2.37	3.74	2.32	0	0	9.16	1.28	0
HUNTSVILLE	607HU	3482	20.24	1.88	0.04	4.61	3.39	2.97	0	5.64	0	0	0	0	1.72
HUNTSVILLE	608HU	3242	64.54	0.65	0.19	22.46	19.27	10.47	0.35	10.84	0	0.1	0.11	0.08	0
HUNTSVILLE	610HU	1901	7.24	0	0	0	0	0	0.26	6.82	0	0	0.15	0	0
HUNTSVILLE	611HU	1334	48.48	3.72	0	30.84	5.61	0	0	0.1	4.24	0	0	3.6	0.36
JIROU	77JRU	317	75.86	67.79	0	0	0	0	0	8.08	0	0	0	0	0
JOHNSTOWN	342JT	716	29.99	0.94	0	0.78	0	3.13	0	2.41	0	0	22.73	0	0
JOHNSTOWN	343JT	1570	51.98	20.19	0.03	2.65	15.09	0.3	4.73	0.11	0.44	0.34	7.87	0	0.24
JOHNSTOWN	345JT	1971	45.37	5.9	0	0.26	20.32	0	0	2.32	3.96	0	8.28	0	4.35
JOHNSTOWN	544JT	2790	43.82	24.76	0	5.36	0	0	0	11.21	0.11	0	0.16	0	2.23
KICKAPOO	251KP	1336	204.22	2.81	1.53	170.35	3.37	9.19	10.98	1.45	0.22	3.69	0.63	0	0
KOLBS	36KOL	1355	17.62	0	0	0	0	0	0	7.31	10.31	0	0	0	0
KOLBS	37KOL	717	1.75	0	0	0	1.75	0	0	0	0	0	0	0	0
KOUNTZE BULK	432KT	872	45.19	0	0	21.91	1.74	6.23	1.9	0	8.17	0	0	0	5.24
KOUNTZE BULK	435KT	46	0	0	0	0	0	0	0	0	0	0	0	0	0
KOUNTZE BULK	451KT	1063	32.79	13.97	0	3.15	6.32	0	0.15	4.09	0	0	0	0	5.12
LACON	537LA	2176	62.8	0	0	0	0.31	36.09	0	4.18	0.82	0.17	0.17	0	21.06
LACON	538LA	1447	1.2	0	0	0	0	0	0.11	0	0	0	1.09	0	0
LACON	539LA	2028	140.34	8.38	3.65	7.58	0.12	0.66	0.06	113.46	3.46	0	0.34	2.64	0
LACON	540LA	1061	230.01	0	0	25.49	0	1.36	0	48.87	0	0	143.4	10.89	0
LAKEVIEW	81LAV	1286	2.61	0	0	0	0	1.15	0.59	0	0	0	0	0	0.87
LILLARD	490LI	289	7.33	0	6.53	0	0	0.09	0.71	0	0	0	0	0	0
LINCOLN	15LCN	308	1.27	0	0	0	1.27	0	0	0	0	0	0	0	0
LINCOLN	16LCN	295	82.86	0	0	0	0	0	0	0	0	82.86	0	0	0
LINDBERGH	40LNB	1613	7.23	0.49	0	0	2.76	0	0	0	0.49	0	0	0	3.51
LINDBERGH	41LNB	1726	0.59	0.09	0	0	0	0	0	0	0	0.49	0	0	0
LINDBERGH	42LNB	315	4.54	0	0	0	0	1.02	0	0	0	3.52	0	0	0
LINDBERGH	43LNB	789	0.35	0	0	0	0	0	0.35	0	0	0	0	0	0
LOEB	17LOB	899	97.17	79.67	0.82	0	0	0.44	1.24	6.66	0.28	8.07	0	0	0
LOEB	18LOB	560	57.57	0.54	0	4.11	18.93	0	0.2	0.15	0	0	0	0.32	33.31
LONGMIRE	580LM	2347	1.73	0	0	0	1.02	0.1	0	0	0.6	0	0	0	0
LONGMIRE	581LM	2532	0.12	0	0	0	0.12	0	0	0	0	0	0	0	0
LONGMIRE	582LM	1210	29.41	0	25.73	0	0	0	0.05	0.05	0	3.58	0	0	0
LONGMIRE	583LM	1628	15.95	13.13	0	0	0	0	0	0	2.75	0	0.07	0	0
LONGMIRE	584LM	1409	3.48	0	0	0	0	0	0	0.47	0	0.6	2.4	0	0
LOVELLS LAKE	141LV	727	3.58	0	0	0	0	0	3.35	0	0	0	0.23	0	0
LUMBERTON	441LU	4428	87.66	0	0	1.18	0	0	0	0	0.92	0	85.15	0.32	0.1
MAGNOLIA AMES	711MG	804	217.03	2.97	0	191.04	7.08	0.61	13.33	0.66	0	0	0	0.96	0.38

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MANCHESTER	66MAN	2039	6.19	0	0	0	0	5.25	0.72	0	0	0.22	0	0	0
MANCHESTER	67MAN	1030	0.36	0	0	0	0	0	0.36	0	0	0	0	0	0
MAYHAW	671MA	78	0	0	0	0	0	0	0	0	0	0	0	0	0
MAYHAW	673MA	1834	39.14	4.72	0.68	3.02	20.76	3.09	3.37	0	1.44	0.12	0.15	1.72	0.08
MCDONALD	476MD	972	5.96	5.75	0	0	0	0	0	0	0.22	0	0	0	0
MCDONALD	477MD	1594	9.56	7.2	0	0	0.5	1.28	0.28	0	0.24	0	0	0	0.06
MCDONALD	478MD	649	7.62	0	0	3.16	0	0	0	2.11	0	0	2.02	0	0.34
MCDONALD	479MD	776	15.45	0.13	0	0	0	0.22	0	0	0.15	0	0.37	14.59	0
MCHALE	110MC	1048	33.71	0	33.55	0	0	0	0	0	0	0	0.17	0	0
MCHALE	111MC	669	94.33	83.27	1.73	0	0	0	8.79	0	0	0	0	0	0.54
MCHALE	112MC	821	42.71	2.91	0	0	0.67	0	0	0.11	0	0	38.45	0.56	0
MCHALE	113MC	619	8.41	0.35	0	0	0	0	0	0	0	0	8.06	0	0
MCLEWIS	380MC	2414	40.29	1.17	1.56	1.02	10.74	1.54	0.02	3.59	7.43	0.03	1.4	0.25	11.53
MCLEWIS	381MC	1230	15.3	1.21	0	0.18	0.15	0.03	7.9	0.64	0	3.13	1.35	0.16	0.56
MCLEWIS	382MC	853	95.69	76.25	0	0.06	16.14	0.35	0.14	0.49	1.55	0	0.5	0.22	0
MERLIN	374MR	543	43.59	0	0	0	0	0	2.26	0	0	0	0.12	0	41.21
MERLIN	375MR	888	38.51	35.19	0	0.4	2.34	0	0	0	0	0	0	0	0.57
METRO	719ME	1820	31.02	31.02	0	0	0	0	0	0	0	0	0	0	0
METRO	724ME	1048	0	0	0	0	0	0	0	0	0	0	0	0	0
NAVASOTA	904NA	1495	3.29	0	3.29	0	0	0	0	0	0	0	0	0	0
NAVASOTA	905NA	2379	25.66	0.05	0.02	0	0.03	0	0.31	24.98	0	0.12	0.14	0	0
NAVASOTA	969NA	928	3.35	0	0	0	0	0	0	3.35	0	0	0	0	0
NECHES	193NE	1496	2.95	0	0	0	2.87	0	0	0	0.08	0	0	0	0
NEW CANEY	304NC	1668	2.33	0	0	2.1	0.06	0	0.09	0.08	0	0	0	0	0
NEW CANEY	333NC	5587	39.09	4.24	0.03	23.58	0.99	7.68	0.33	0.13	0.97	0.03	0.99	0.02	0.09
NEW CANEY	334NC	6584	153.11	1.73	0	74.53	12.81	0.02	0	0.02	0.54	0.03	63.42	0	0
NEW CANEY	335NC	2160	174.86	3.3	0.04	110.02	55.91	0.12	0.16	0	0.18	5.12	0.02	0	0
NEW CANEY	336NC	4718	114.08	0	0	113.72	0.1	0	0.12	0.03	0	0	0.11	0	0
NEW CANEY	337NC	590	10.87	9.61	0	0	0.04	0	0	0.24	0	0.31	0.68	0	0
NEW CANEY	338NC	2458	450	0.06	0	448.02	0.72	0.01	0.12	0.14	0.66	0	0	0	0.26
NORTH END	21NOE	1898	21.38	9.89	0.4	0.9	7.44	0	0	0.27	0	0	0	0.38	2.1
NORTH END	29NOE	350	4.58	0	0	0	0	0	0	0	0	0	4.58	0	0
NORTH SILSBEE	471NS	1119	83.4	3.37	0	58.24	0	0.51	21.16	0	0.09	0	0	0	0.02
NORTH SILSBEE	472NS	332	135.62	0	0	0	134.63	0	0	0.99	0	0	0	0	0
OAK RIDGE (TX)	740OK	1272	37.08	1.21	0	34.06	0.21	1.47	0	0.13	0	0	0	0	0
OAK RIDGE (TX)	741OK	834	0.45	0	0	0	0	0	0	0.45	0	0	0	0	0
OAK RIDGE (TX)	742OK	238	28.28	0	0	0	0	0	0	28.28	0	0	0	0	0
OAK RIDGE (TX)	743OK	1047	13.18	0	0	0	0	0	5.13	7.86	0	0	0.18	0	0
OAK RIDGE (TX)	744OK	2952	58	53.5	0	0.28	0.26	0	0	0.54	3.42	0	0	0	0
OAK RIDGE (TX)	745OK	527	0	0	0	0	0	0	0	0	0	0	0	0	0
OILLA	345OI	1456	15.25	0	0	3.67	7.86	0	2.19	0	0	1.35	0.18	0	0
ORANGE	350ON	939	29.08	0.26	0	0	0.22	9.99	0	11.86	0	6.75	0	0	0
ORANGE	351ON	500	1.2	0	0	0	0	0.82	0	0	0.38	0	0	0	0
ORANGE	352ON	918	11.16	0	0	0	0	4.42	1.17	0	0.39	0	4.69	0.5	0
PANORAMA	525PA	1425	15.1	0	0	0	0	3.26	11.84	0	0	0	0	0	0
PANSY	184PS	419	0.95	0	0	0	0	0.15	0	0.79	0	0	0	0	0
PANSY	185PS	1328	0.05	0.05	0	0	0	0	0	0	0	0	0	0	0
PARKDALE	171PR	706	0.85	0	0	0	0.85	0	0	0	0	0	0	0	0
PARKWAY	350PW	966	180.88	0	0	34.34	0	17.35	0	50.73	0.1	0	78.01	0	0.34
PEE DEE	806PD	2576	34.47	6	0	3.03	5.36	2.12	0.13	16.23	0.66	0.52	0	0.42	0
PEE DEE	808PD	922	15.57	0	0	14.29	0	1.28	0	0	0	0	0	0	0
PEE DEE	809PD	1650	89.12	1.76	0.04	31.29	44.03	0.04	0.06	7.33	0	0	2	2.58	0
PLANTATION (TX)	545PL	1084	20.41	2.85	0	0	0	0.66	0	4.43	0	0	12.47	0	0
PLANTATION (TX)	546PL	869	17.3	3.8	0	0	0	0	0	0	2.04	11.46	0	0	0
PORT ACRES SUB	68PTA	1273	28.36	0	0	4.22	0	2.75	0	0	0.46	0	0	20.93	0
PORT ACRES SUB	69PTA	699	7.76	0	0	0	3.09	0	4.67	0	0	0	0	0	0
PORT NECHES	46PTN	1282	8.02	0	0	2.98	0	0	0	0	0	0	0	0	5.04
RAYWOOD	73RAY	533	0.66	0	0	0.13	0	0	0	0	0.53	0	0	0	0
RAYWOOD	74RAY	1109	4.65	2.1	0	0	0.2	0	0.1	0.39	0	0.06	0	1.5	0.32

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RAYWOOD	75RAY	120	136.08	0	0	0	0	0	18.42	117.67	0	0	0	0	0
RIVTRIN	268RV	2633	131.07	9.35	0	41.97	68.39	9.79	0.88	0	0.26	0	0.43	0	0
RIVTRIN	269RV	2984	521.85	39.64	0.6	227.6	220.65	0	6.62	1.1	0.78	0	24.85	0	0
ROSEDALE (TX)	151RS	1275	4.82	0	0	0.75	0	2.85	0	0	0	0	1.21	0	0
ROSEDALE (TX)	152RS	742	161.95	0	0	78.69	0	7.27	67.75	3.03	4.88	0.34	0	0	0
ROSEDALE (TX)	153RS	732	108.78	98.05	0.65	0.52	2.92	3.46	2.41	0	0.77	0	0	0	0
SARATOGA	761SA	432	17.08	2.89	5.83	0	0	0.25	4.75	0	2.29	0	1.08	0	0
SHEAWILL	535SH	692	0.76	0	0	0	0	0	0	0	0	0	0.76	0	0
SHEAWILL	536SH	1392	5.63	0	0	0	2.72	0	0	2.92	0	0	0	0	0
SILSBEE	461SI	544	22.04	0	0	0	19.41	0	0	0	0	0	2.63	0	0
SILSBEE	462SI	799	81.27	0	0	17.36	9.75	2.4	0.52	0.11	51.13	0	0	0	0
SILSBEE	463SI	772	14.9	4.33	0	0	2	6.56	1.15	0	0.86	0	0	0	0
SOMERVILLE	126SO	857	13.2	0	0	0	11.96	0	0	1.24	0	0	0	0	0
SOMERVILLE	127SO	486	3.19	0	0	0	0	0	0	0	0	0	2.21	0	0.99
SOUR LAKE	104SL	387	2.84	0	0	0	0	0	0	2.84	0	0	0	0	0
SOUR LAKE	105SL	1247	15.13	0	0	0	1.19	0	1.81	8.27	0	0	3.85	0	0
SOUTH LIBERTY	714SL	116	23.63	0	0	1.89	0	0	0	8.22	0	0	0	13.52	0
SPLENDORA	307SP	1621	20.38	0	0	19.62	0	0.13	0.14	0	0	0	0	0.5	0
SPLENDORA	308SP	2694	17.65	7.86	0.94	0.07	0.78	0.42	0.81	0	1.72	0.03	4.8	0.03	0.17
SPLENDORA	309SP	1384	112.33	19.09	0	76.51	3.14	0	0.79	0.63	0	3.09	7.86	0.89	0.34
SPURLOCK	98SPU	726	0.19	0	0	0	0	0.19	0	0	0	0	0	0	0
SPURLOCK	99SPU	746	8.9	0	0	0	0.68	0	8.22	0	0	0	0	0	0
STONEGATE	92STG	2024	68.99	0	0	0.23	0	0	0	0	0	0	0	0	68.76
STOWELL	231ST	1020	6.04	0	0	0	0	0	0	0	0	0	0	0	6.04
STOWELL	232ST	1168	2.93	0	0.11	0	0.12	0.06	0	0	1.84	0.39	0	0	0.41
STOWELL	233ST	677	24.38	0	0	0	0	0	0	0	0	0	0	0	24.38
TAMINA	316TA	296	1.45	0	0.22	0	0	0.74	0.49	0	0	0	0	0	0
TAMINA	317TA	942	2	0	0	0	0	0	0.29	0	0	0	1.5	0	0.21
TAMINA	598TA	822	28.49	1.95	0	6.93	1.17	18.35	0	0.1	0	0	0	0	0
TAMINA	599TA	452	14.23	0.44	0.21	3.51	0	0	0	0.34	0.16	0.1	0	9.48	0
TANGLEWOOD	134TG	2223	1.79	0	0	0	0	1.79	0	0	0	0	0	0	0
TANGLEWOOD	135TG	676	5.42	0	0	0	5.42	0	0	0	0	0	0	0	0
TANGLEWOOD	136TG	620	178.52	0	0	176.28	0	2.24	0	0	0	0	0	0	0
TANGLEWOOD	137TG	1520	11.01	0.11	0	10.9	0	0	0	0	0	0	0	0	0
TEMCO	627TE	903	66.65	0.23	0	0	2.87	0.08	0	5.42	6.42	0	51.62	0	0
TEMCO	628TE	400	110.15	89.34	0	0	0.27	6.03	0	10.84	3.55	0	0	0.12	0
TRANSCO	48TCCO	216	95.57	0	0	75.83	0	0	19.74	0	0	0	0	0	0
TYRRELL	37TYR	520	1.98	0	0	0	1.98	0	0	0	0	0	0	0	0
VIDOR	161VD	593	0.61	0	0	0	0	0	0	0	0.61	0	0	0	0
VIDOR	162VD	1883	14.12	0	0	0	13.54	0.09	0	0.16	0	0.2	0	0.14	0
VIDOR	163VD	1648	20.48	0.16	0.87	0.04	4.49	0.8	0.67	0.39	0	1.02	0.64	0.07	11.31
VIDOR	164VD	802	13.99	0	0.47	0.22	0	0.07	1.72	0.23	11.28	0	0	0	0
VIRGINIA	130VI	1152	19.72	0	0	0	0	0	19.72	0	0	0	0	0	0
VIRGINIA	131VI	1393	3.22	1.62	0	0.16	0	0	0	0	1.45	0	0	0	0
VIWAY	681VI	934	11.02	7.42	1.47	0	0	0	0	0	0.24	0	1.89	0	0
VIWAY	682VI	1725	21.05	10.91	0	0.52	0	0.25	1.77	0	7.59	0	0	0	0
WALDEN	564WD	2850	6.54	0	0	0	0	0	0	6.54	0	0	0	0	0
WARREN	506WR	1338	138.05	2.95	0.13	82.08	2.62	21.97	0.17	9.36	0	0.06	10.28	7.62	0.79
WARREN	592WR	2266	175.39	18.35	0.07	129.1	0.82	3.06	4.99	9.3	7.85	0.56	1.09	0	0.19
WEST END	80WED	268	6.09	0.81	0	0	0	5.28	0	0	0	0	0	0	0
WEST END	82WED	493	5.2	0	0	0	0	5.2	0	0	0	0	0	0	0
WEST END	85WED	530	9.98	2.53	0	0.48	0	0	0.55	0	5.37	0	0	0	1.06
WEST END	86WED	507	3.87	0	0	0	0	0	3.87	0	0	0	0	0	0
WEST END	88WED	916	1.11	0	0	0	0	1.11	0	0	0	0	0	0	0
WEST ORANGE	392WO	702	15.62	0	8.33	0	0	0.81	0	0	5.49	0	0	0	0.98
WEST ORANGE	393WO	656	4.79	0	0	0	0.38	0.49	0	0	2.99	0	0.7	0	0.23
WESTSIDE	113WS	279	4.39	0	0	0	0	0	0	0	0	0	0	0	4.39
WINFREE	340WN	467	3.79	0	0	0	0	0	0	0	0	0	3.2	0	0.59
WINFREE	341WN	729	2.09	0	0	1.89	0.2	0	0	0	0	0	0	0	0

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WINFREE	342WN	1185	0.44	0	0	0	0	0	0.04	0	0.29	0.11	0	0	0
WINSHIRE	240WS	937	33.54	0	0	0	0	0	0	0.41	2.07	0	31.06	0	0
WINSHIRE	241WS	1079	4.54	0	0	0	0	0	0	0	0	0	0	4.54	0
WOODVILLE (TX)	593WD	712	85.36	65.52	0	0.1	14.4	0	0	0	4.02	0	1.03	0	0.29
WOODVILLE (TX)	594WD	1175	70.94	1.9	0	9.24	38.77	1.66	2.81	1.57	9.5	0.62	0	0	4.87
WYNTEX	632WT	885	21.72	0	5.93	14.89	0	0.67	0	0	0.23	0	0	0	0
WYNTEX	634WT	1328	48.76	7.02	3.44	0	20.07	9.16	0.29	0.91	4.37	0	3.5	0	0
YANKEE DOODLE	22YAN	2116	9.78	0	0	0	0	0	9.78	0	0	0	0	0	0
YANKEE DOODLE	25YAN	169	28.03	0	0	27.69	0	0.34	0	0	0	0	0	0	0

ATTACHMENT B

Entergy Texas, Inc.

PROJECT NO. 41381 - §25.96. Vegetation Management

SAIFI scores for vegetation-caused interruptions by month at both the company and feeder level

Note: Results are for Distribution assets operating at less than 60 kV, for which ETI needs to perform vegetation maintenance. Thus results exclude substations, underground facilities, and service drops. Feeder list shows Distribution feeders on Texas System with 10 or more customers that had vegetation-caused interruptions .

ETI 2017 System Vegetation SAIFI

Total Veg SAIFI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0 208	0 034	0 007	0 026	0 040	0 019	0 012	0 022	0 020	0 009	0 005	0 003	0 011

ETI 2017 Feeder Vegetation SAIFI

Substation_Name	Feeder_ID	Customers	Total Veg SAIFI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ADAMS BAYOU	332AD	546	1 0421	1 0275	0	0	0	0	0	0 0147	0	0	0	0	0
Alden Brdge	762AL	5544	0 0325	0 0092	0	0 0051	0	0 0051	0 0087	0 0005	0 0018	0 0018	0 0004	0	0
Alden Brdge	765AL	666	0	0	0	0	0	0	0	0	0	0	0	0	0
Alden Brdge	770AL	812	0 053	0	0	0	0 0012	0	0 0111	0	0 0406	0	0	0	0
AMELIA BULK	180AM	1411	0 0206	0	0	0	0	0	0	0	0	0	0 0206	0	0
AMELIA BULK	181AM	2310	0 0017	0	0	0	0 0017	0	0	0	0	0	0	0	0
AMELIA BULK	182AM	969	0 4561	0	0 0093	0 4469	0	0	0	0	0	0	0	0	0
APOLLO	320AP	2012	0 3086	0 1168	0	0 0234	0 0915	0 0134	0	0 0124	0	0 0005	0 0507	0	0
APOLLO	321AP	1467	0 8248	0	0	0	0	0 7641	0 0354	0	0	0	0 0252	0	0
APRIL	592AP	1104	0 0027	0	0	0	0	0	0	0 0027	0	0	0	0	0
BATSON	53BAT	918	0 0251	0 0054	0	0 0044	0	0	0 0044	0 0054	0 0033	0 0011	0 0011	0	0
BAYSHORE	211BA	1061	0 05	0	0	0 0179	0 0028	0	0 0085	0 0179	0 0028	0	0	0	0
BAYSHORE	213BA	1776	0 0124	0	0	0 0101	0 0006	0 0011	0 0006	0	0	0	0	0	0
BENTWATER	520BW	2011	0 4431	0 2138	0 0676	0 0686	0	0	0 0035	0 0462	0 0035	0 0398	0	0	0
BENTWATER	521BW	2065	0 001	0	0	0	0	0	0 001	0	0	0	0	0	0
BEVIL	154BE	2435	0 0382	0 0016	0	0 0045	0	0 016	0 0021	0	0 0016	0 0123	0	0	0
BEVIL	155BE	4061	0 3265	0 0404	0 0101	0 0209	0 0027	0 002	0 0027	0 0736	0 1741	0	0	0	0
BEVIL	156BE	601	0 0865	0	0	0 0416	0 0166	0 0033	0	0 0033	0 0216	0	0	0	0
BRIARCLIFF	30BRC	2404	0 0166	0	0	0	0	0 0037	0 0037	0 0037	0	0 0054	0	0	0
BRIARCLIFF	31BRC	873	0 4238	0 0149	0 0951	0 0115	0 008	0	0	0 2463	0 0367	0	0	0	0 0115
BRIARCLIFF	32BRC	1286	0 1897	0	0 0381	0	0 0303	0	0 0101	0 056	0 0482	0	0 007	0	0
BRIARCLIFF	33BRC	303	0 2046	0	0	0	0	0	0	0 0594	0	0	0 1452	0	0
BRIDGE CITY	360BD	1125	0 1218	0	0	0	0	0	0 0018	0	0 0053	0 0036	0 1111	0	0
BRIDGE CITY	362BD	1174	0 0315	0	0	0	0	0 0119	0 0111	0	0 0017	0	0 0068	0	0
BRIDGE CITY	363BD	2146	0 0303	0	0	0	0 027	0	0 0023	0	0	0	0	0	0 0009
BROOKS CREEK	270BC	49	0	0	0	0	0	0	0	0	0	0	0	0	0
CALDWELL INDUS	138CI	707	0 3847	0 075	0 0297	0	0	0 2744	0	0	0	0	0	0	0 0057
CALVERT	4CAL	2176	0 2063	0	0 0717	0 0414	0 0248	0 046	0 0064	0 0041	0 0005	0 0046	0 0064	0	0 0005
CALVERT	6CAL	1609	1 1007	0 0814	0 0261	0	0	0 9901	0 0031	0	0	0	0	0	0
CEDAR	698CE	23	1	1	0	0	0	0	0	0	0	0	0	0	0
CENTRAL	132CE	1817	0 044	0	0	0	0	0	0	0	0 044	0	0	0	0
CENTRAL	133CE	1607	0 0212	0	0	0	0	0	0 0031	0	0	0	0 0068	0	0 0112
CHEEK	159CH	543	0 0166	0	0	0	0	0	0 0018	0	0 0092	0 0018	0	0 0037	0
CHEEK	160CH	708	0 0367	0	0	0	0	0 0367	0	0	0	0	0	0	0
CHEEK	166CH	366	0 1803	0	0	0 0219	0	0	0 1585	0	0	0	0	0	0
CHINA	92CHI	659	0 003	0 003	0	0	0	0	0	0	0	0	0	0	0
CHINA	93CHI	1380	0 271	0 0478	0	0 0681	0	0	0 1138	0 0399	0	0	0 0014	0	0
CLEVELAND (TX)	403CV	1521	0 1749	0	0 1026	0 0178	0 002	0	0 0026	0	0 05	0	0	0	0
CLEVELAND (TX)	404CV	1814	0 1114	0 0209	0	0	0 0105	0	0	0	0 0055	0 0083	0 0011	0 065	0
CLEVELAND (TX)	405CV	1867	0 4949	0 0803	0	0 0043	0 0354	0	0	0 0675	0 0011	0 0777	0 2201	0	0 0086
CLEVELAND (TX)	406CV	1667	0 0594	0	0	0 0054	0	0 0078	0 015	0 0072	0 0222	0 0018	0	0	0
CLEVELAND (TX)	425CV	2688	0 5119	0 3899	0 0007	0 0004	0 0804	0	0 0019	0 0048	0 0093	0	0 0205	0 0037	0 0004
CLEVELAND (TX)	426CV	3073	0 409	0 0221	0 0159	0 0309	0 1002	0 0443	0 0371	0 0316	0 041	0	0 0664	0	0 0195
CONAIR	511CN	1592	0 027	0	0	0 0025	0 0245	0	0	0	0	0	0	0	0
CONAIR	512CN	1255	0 0303	0 0239	0	0	0	0	0	0	0 0064	0	0	0	0
CONAIR	513CN	1682	0 0184	0	0	0 0089	0	0	0	0 0083	0 0012	0	0	0	0
CONAIR	514CN	1226	1 0277	0 9959	0	0 0049	0 0171	0	0	0 0024	0 0024	0 0016	0 0033	0	0

ATTACHMENT B

Substation_Name	Feeder_ID	Customers	Total Veg SAIFI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
CONAIR	515CN	830	0 0012	0	0	0	0	0	0	0	0	0	0 0012	0	0
CONROE BULK	507CN	2199	0 0896	0 03	0	0	0	0 015	0 0009	0 0209	0 0077	0 0118	0 0032	0	0
CONROE BULK	572CN	1455	0 0763	0 0014	0 0426	0	0 0041	0 0021	0	0 0241	0 0021	0	0	0	0
CONROE BULK	574CN	2099	0 0071	0 0005	0	0 0001	0	0	0 0043	0	0	0	0	0	0 00014
CONROE BULK	576CN	1422	0 0007	0	0	0	0	0	0	0	0 0007	0	0	0	0
CONROE BULK	577CN	641	0 0234	0 0016	0	0	0 0109	0	0 0109	0	0	0	0	0	0
CORDREY	324CO	1556	0 3843	0 1684	0	0	0 171	0	0 0039	0 0013	0 0373	0 0013	0 0013	0	0
CORDREY	325CO	1598	0 3911	0 0851	0	0	0 137	0	0 0119	0 0163	0	0 1358	0	0 005	0
CORDREY	326CO	1221	0 0016	0	0	0	0	0	0	0 0008	0	0	0 0008	0	0
CORDREY	327CO	966	1 3075	0 0041	0	0 0031	1	0	0	0 0062	0	0 0155	0	0	0 2785
CORRIGAN BULK	238CR	611	0 9313	0 5957	0 0262	0 0622	0 0016	0	0 1522	0 0049	0 0376	0	0 0475	0	0 0033
CORRIGAN BULK	239CR	497	2 2193	0 5895	0	0 0825	0	0	0	0 9839	0	0	0	0	0 5634
CROCKETT	195CR	991	0 0515	0	0 004	0	0 0111	0 0252	0	0 0111	0	0	0	0	0
CROCKETT	64CRK	1026	0 0019	0	0	0	0	0 0019	0	0	0	0	0	0	0
CROCKETT	65CRK	565	0 2124	0	0	0	0	0	0	0	0 0018	0	0 2106	0	0
CROWDER	102CD	1754	0 0274	0 0274	0	0	0	0	0	0	0	0	0	0	0
CROWDER	103CD	1442	1 0402	0	0	0 0173	0	0	0 9882	0	0 0139	0	0	0	0 0208
CROWDER	104CD	1642	0 1827	0	0	0	0 0652	0 0457	0	0 0457	0 0207	0	0	0 0055	0
CROWDER	105CD	932	0 015	0	0	0	0	0	0	0	0 015	0	0	0	0
CRYSTAL	566CR	1455	0 1409	0 0605	0	0 0694	0 0041	0	0	0 0034	0 0007	0	0 0027	0	0
CRYSTAL	567CR	1316	0 0957	0 0897	0	0	0	0	0	0	0 0023	0	0 0038	0	0
CRYSTAL	570CR	1083	1 9114	0 0037	0	1 8587	0	0 0259	0	0	0	0 0231	0	0	0
DAISETTA	741DA	256	0 1055	0 0039	0	0	0	0 1016	0	0	0	0	0	0	0
DAISETTA	743DA	369	0 607	0	0	0 0461	0 0786	0 1247	0 019	0 0949	0	0 0325	0 0894	0	0 122
DAISETTA	744DA	705	0 3645	0 0298	0	0	0 0099	0	0	0 3191	0	0	0 0043	0	0 0014
DAYTON BULK	723DY	1019	0 1727	0 0451	0	0	0 0236	0 0314	0 0618	0	0 0108	0	0	0	0
DAYTON BULK	724DY	2245	0 082	0	0	0 0365	0 0018	0 0071	0 0036	0 0071	0 0249	0	0 0009	0	0
DAYTON BULK	725DY	1534	0 0052	0	0	0	0	0 0039	0	0 0007	0	0	0 0007	0	0
DAYTON BULK	726DY	1563	0 2041	0 0371	0 0045	0 0109	0 0461	0 0096	0 0416	0 0147	0 0032	0	0 0294	0 007	0
DAYTON BULK	727DY	785	0 0497	0	0	0	0	0	0	0 0357	0 0013	0	0	0	0 0127
DOBBIN	519DO	1878	0 3589	0 0016	0	0 304	0 0069	0 0389	0 0016	0 0016	0 0011	0	0	0	0 0032
DOBBIN	920DO	1862	0 3765	0 305	0	0 0301	0 0172	0 0064	0 014	0	0 0021	0 0005	0	0	0 0011
DOUCETTE	568DC	594	1 4747	0 0404	0 6582	0 0438	0 0017	0 0286	0 032	0 0017	0 6465	0 0034	0 0135	0 0051	0
DOUCETTE	569DC	195	1 3487	0 0205	0	0 1641	0	0 1641	0	0	0	1	0	0	0
DOUCETTE	570DC	1127	1 0594	0 2227	0	0 0106	0	0 2192	0 3283	0 0328	0 0009	0 0071	0 1366	0 0834	0 0177
EASTGATE	781EG	1092	0 0412	0 0101	0 0238	0 0027	0	0 0018	0	0 0009	0 0018	0	0	0	0
ECHO	70ECH	1687	0 1974	0	0 0136	0 003	0 0391	0 0255	0 0213	0 0356	0 0486	0	0	0	0 0107
ECHO	71ECH	739	0 0392	0 0108	0	0	0	0 0189	0	0	0 0041	0 0054	0	0	0
ECHO	72ECH	505	0 4832	0	0	0	0	0 1842	0 105	0	0	0	0	0	0 1941
ECHO	73ECH	787	0 4968	0	0	0	0 0013	0 3939	0 0229	0 033	0 0038	0	0	0 0064	0 0356
EGYPT	550EP	986	0 0041	0	0	0	0	0	0	0 0041	0	0	0	0	0
EGYPT	551EP	2479	0 1541	0 0008	0	0	0 0004	0 0004	0 0024	0 0734	0	0 0766	0	0	0
EGYPT	552EP	1866	0 1919	0 0675	0 0005	0	0 067	0	0 0011	0 0397	0 015	0	0 0011	0	0
ELIZABETH	120EL	1380	0 1587	0	0 0101	0	0	0	0 0014	0 1442	0	0	0 0029	0	0
ELIZABETH	121EL	1467	0 107	0 0239	0	0	0 0048	0 0068	0	0 0593	0	0 0048	0 0075	0	0
ELIZABETH	122EL	742	0 3167	0 0148	0	0	0 1509	0	0 1509	0	0	0	0	0	0
ELIZABETH	123EL	2626	0 3728	0 3157	0 0198	0	0	0	0	0	0	0	0 0221	0 0152	0
FEDERAL	801FE	256	0 0273	0	0	0	0	0 0195	0 0078	0	0	0	0	0	0
FLETCHER	456FL	832	0 1166	0	0	0 0481	0	0 0216	0 0469	0	0	0	0	0	0
FLETCHER	457FL	1529	0 3152	0	0	0 1138	0 019	0 019	0 0634	0 0818	0 0072	0 0007	0	0 0105	0
FOREST	751FO	3875	0 1577	0 0354	0	0 065	0 0093	0	0	0 0132	0 0083	0 0266	0	0	0
FOREST	753FO	1704	0 6455	0	0 0023	0	0 0076	0 0651	0	0 5335	0 0358	0	0 0012	0	0
FOREST	757FO	276	0	0	0	0	0	0	0	0	0	0	0	0	0
FOREST	759FO	724	0 2155	0	0	0	0 1713	0 0276	0	0	0	0 0166	0	0	0
FORT WORTH	12FTW	1476	0 0075	0	0	0	0	0 0041	0 0034	0	0	0	0	0	0
FRONT STREET	310FR	560	0 0107	0	0	0	0	0	0	0	0	0 0107	0	0	0
GEORGIA	670GE	693	0 6162	0 0087	0	0 2554	0 0014	0 0101	0 088	0 0649	0 0577	0	0 1212	0 0087	0
GOREE	681GR	626	0 992	0	0	0	0	0 8834	0	0 1086	0	0	0	0	0
GOREE	682GR	1602	0 829	0 1823	0	0 1267	0 0793	0 4407	0	0	0	0	0	0	0
GOSLIN	709GL	3641	0 0082	0 0082	0	0	0	0	0	0	0	0	0	0	0

ATTACHMENT B

Substation_Name	Feeder_ID	Customers	Total Veg SAIFI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
GRIMES	883GR	891	0.2626	0	0	0	0	0	0	0.0011	0.2615	0	0	0	0
GRIMES	981GR	319	0.0157	0	0	0	0	0.0031	0	0	0.0125	0	0	0	0
GRIMES	982GR	753	0.0345	0.0226	0	0	0.0066	0	0	0	0.0053	0	0	0	0
GROVES-EGSI	59GRO	1715	0.028	0	0	0	0.028	0	0	0	0	0	0	0	0
GROVES-EGSI	62GRO	1529	0.0582	0	0	0.0052	0.0033	0	0.0203	0.0203	0	0.0052	0	0.0039	0
HAMPTON	158HA	1148	0.0531	0.0044	0	0	0.0017	0	0.0009	0	0.0409	0	0.0052	0	0
HANKAMER	206HA	672	0.2545	0.0104	0	0.0015	0.1756	0.0015	0	0.0193	0	0	0.0104	0	0.0357
HANKAMER	207HA	758	0.0396	0.0026	0	0	0	0	0	0	0.0356	0.0013	0	0	0
HANKS	22HKS	1141	0.0026	0	0	0.0026	0	0	0	0	0	0	0	0	0
HANKS	23HKS	1444	0.0284	0.0055	0	0.0076	0.0014	0	0	0.0139	0	0	0	0	0
HANKS	24HKS	837	0.0717	0	0.0108	0	0	0	0	0	0.0562	0	0	0.0048	0
HANKS	25HKS	921	0.0912	0	0	0	0.0619	0	0	0.0293	0	0	0	0	0
HARDIN	35HDN	821	1.352	0	0	0.0012	1.1961	0.0621	0.0024	0.0183	0.0646	0	0.0012	0	0.0061
HEARNE	25HRN	218	0.0092	0	0	0.0092	0	0	0	0	0	0	0	0	0
HEARNE	29HRN	329	0.0486	0	0	0	0	0	0	0	0.0395	0	0.0091	0	0
HUMPHREY (TX)	106HM	1111	0.1098	0	0	0.0099	0.0432	0	0	0	0.0567	0	0	0	0
HUMPHREY (TX)	107HM	894	0.0503	0.028	0.0224	0	0	0	0	0	0	0	0	0	0
HUNTSVILLE	600HU	2146	0.3071	0.0601	0.0177	0.0037	0.075	0.0289	0.0377	0.0154	0	0	0.0582	0.0103	0
HUNTSVILLE	607HU	3482	0.1628	0.0055	0.0023	0.0293	0.0284	0.029	0	0.0411	0	0	0	0	0.0273
HUNTSVILLE	608HU	3242	0.9442	0.0052	0.0028	0.0213	0.8152	0.0503	0.0049	0.0416	0	0.0009	0.0012	0.0006	0
HUNTSVILLE	610HU	1901	0.0763	0	0	0	0	0	0.0026	0.0726	0	0	0.0011	0	0
HUNTSVILLE	611HU	1334	0.1327	0.012	0	0.0277	0.0195	0	0	0.0015	0.042	0	0	0.0187	0.0112
JIROU	77JRU	317	0.123	0.0915	0	0	0	0	0	0.0315	0	0	0	0	0
JOHNSTOWN	342JT	716	0.0964	0.0056	0	0.0028	0	0.0265	0	0.0251	0	0	0.0363	0	0
JOHNSTOWN	343JT	1570	0.2357	0.0446	0.0006	0.0038	0.1376	0.0045	0.0153	0.0013	0.0032	0.0032	0.021	0	0.0006
JOHNSTOWN	345JT	1971	0.5875	0.0609	0	0.0056	0.3754	0	0	0.0127	0.0446	0	0.0457	0	0.0426
JOHNSTOWN	544JT	2790	0.1821	0.0799	0	0.0176	0	0	0	0.0624	0.0014	0	0.0007	0	0.0201
KICKAPOO	251KP	1336	0.4618	0.0247	0.006	0.1834	0.0269	0.0981	0.0966	0.0067	0.0007	0.0142	0.0045	0	0
KOLBS	36KOL	1355	0.0406	0	0	0	0	0	0	0.0199	0.0207	0	0	0	0
KOLBS	37KOL	717	0.0195	0	0	0	0.0195	0	0	0	0	0	0	0	0
KOUNTZE BULK	432KT	872	0.3819	0	0	0.1112	0.0126	0.0814	0.0149	0	0.1112	0	0	0	0.0505
KOUNTZE BULK	435KT	46	0	0	0	0	0	0	0	0	0	0	0	0	0
KOUNTZE BULK	451KT	1063	0.2549	0.0499	0	0.0141	0.0574	0	0.0028	0.0555	0	0	0	0	0.0753
LACON	537LA	2176	0.2946	0	0	0	0.0046	0.1517	0	0.0101	0.0147	0.0018	0.0037	0	0.108
LACON	538LA	1447	0.0166	0	0	0	0	0	0.0014	0	0	0	0.0152	0	0
LACON	539LA	2028	1.1933	0.0118	0.0261	0.0419	0.0025	0.0054	0.0025	1.0355	0.0577	0	0.003	0.0069	0
LACON	540LA	1061	0.9444	0	0	0.0971	0	0.0377	0	0.1762	0	0	0.6155	0.0179	0
LAKEVIEW	81LAV	1286	0.0163	0	0	0	0	0.007	0.0031	0	0	0	0	0	0.0062
LILLARD	490LI	289	0.083	0	0.0588	0	0	0.0069	0.0173	0	0	0	0	0	0
LINCOLN	15LCN	308	0.026	0	0	0	0.026	0	0	0	0	0	0	0	0
LINCOLN	16LCN	295	0.9864	0	0	0	0	0	0	0	0.9864	0	0	0	0
LINDBERGH	40LNB	1613	0.0577	0.005	0	0	0.031	0	0	0	0.0043	0	0	0	0.0174
LINDBERGH	41LNB	1726	0.0023	0.0006	0	0	0	0	0	0	0.0017	0	0	0	0
LINDBERGH	42LNB	315	0.0413	0	0	0	0	0.0222	0	0	0	0.019	0	0	0
LINDBERGH	43LNB	789	0.0013	0	0	0	0	0	0.0013	0	0	0	0	0	0
LOEB	17LOB	899	0.3715	0.2169	0.0056	0	0	0.0056	0.0178	0.059	0.0022	0.0645	0	0	0
LOEB	18LOB	560	0.4464	0.0071	0	0.0286	0.1786	0	0.0036	0.0018	0	0	0	0.0036	0.2232
LONGMIRE	580LM	2347	0.0234	0	0	0	0.0136	0.0009	0	0	0.0089	0	0	0	0
LONGMIRE	581LM	2532	0.0028	0	0	0	0.0028	0	0	0	0	0	0	0	0
LONGMIRE	582LM	1210	0.1653	0	0.1496	0	0	0	0.0008	0.0008	0	0.014	0	0	0
LONGMIRE	583LM	1628	0.113	0.0713	0	0	0	0	0	0	0.0399	0	0.0018	0	0
LONGMIRE	584LM	1409	0.0149	0	0	0	0	0	0	0.0028	0	0.0035	0.0085	0	0
LOVELLS LAKE	141LV	727	0.0179	0	0	0	0	0	0.0151	0	0	0	0.0028	0	0
LUMBERTON	441LU	4428	0.4804	0	0	0.0181	0	0	0	0	0.0054	0	0.4535	0.0025	0.0009
MAGNOLIA AMES	711MG	804	0.5808	0.0149	0	0.4378	0.0286	0.0112	0.0709	0.01	0	0	0	0.0037	0.0037
MANCHESTER	66MAN	2039	0.027	0	0	0	0	0.0152	0.0078	0	0	0.0039	0	0	0
MANCHESTER	67MAN	1030	0.0078	0	0	0	0	0	0.0078	0	0	0	0	0	0
MAYHAW	671MA	78	0	0	0	0	0	0	0	0	0	0	0	0	0
MAYHAW	673MA	1834	0.2339	0.0169	0.0142	0.0523	0.0403	0.0632	0.0098	0	0.0136	0.0011	0.0038	0.0174	0.0011
MCDONALD	476MD	972	0.0267	0.0226	0	0	0	0	0	0	0.0041	0	0	0	0

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MCDONALD	477MD	1594	0.0878	0.0558	0	0	0.0031	0.0194	0.0019	0	0.0056	0	0	0	0.0019
MCDONALD	478MD	649	0.0678	0	0	0.0385	0	0	0	0.0123	0	0	0.0154	0	0.0015
MCDONALD	479MD	776	0.0567	0.0026	0	0	0	0.0026	0	0	0.0064	0	0.0026	0.0425	0
MCHALE	110MC	1048	0.9571	0	0.9561	0	0	0	0	0	0	0	0.001	0	0
MCHALE	111MC	669	0.1614	0.0747	0.0284	0	0	0	0.0523	0	0	0	0	0	0.006
MCHALE	112MC	821	0.1839	0.0158	0	0	0.0049	0	0	0	0	0	0.1596	0.0037	0
MCHALE	113MC	619	0.0517	0.0097	0	0	0	0	0	0	0	0	0.042	0	0
MCLEWIS	380MC	2414	0.5754	0.0066	0.022	0.0157	0.1914	0.0253	0.0008	0.0278	0.0418	0.0004	0.022	0.0029	0.2187
MCLEWIS	381MC	1230	0.1935	0.0203	0	0.0024	0.0024	0.0008	0.0504	0.0081	0	0.0943	0.0041	0.0041	0.0065
MCLEWIS	382MC	853	0.8464	0.5264	0	0.0012	0.2661	0.0035	0.0023	0.0023	0.0387	0	0.0035	0.0023	0
MERLIN	374MR	543	0.6519	0	0	0	0	0	0.035	0	0	0	0.0018	0	0.6151
MERLIN	375MR	888	0.1419	0.1047	0	0.0045	0.0293	0	0	0	0	0	0	0	0.0034
METRO	719ME	1820	0.322	0.322	0	0	0	0	0	0	0	0	0	0	0
METRO	724ME	1048	0	0	0	0	0	0	0	0	0	0	0	0	0
NAVASOTA	904NA	1495	0.0803	0	0.0803	0	0	0	0	0	0	0	0	0	0
NAVASOTA	905NA	2379	0.1744	0.0004	0.0008	0	0.0008	0	0.0088	0.1602	0	0.0013	0.0021	0	0
NAVASOTA	969NA	928	0.0075	0	0	0	0	0	0	0.0075	0	0	0	0	0
NECHES	193NE	1496	0.0201	0	0	0	0.0194	0	0	0	0.0007	0	0	0	0
NEW CANEY	304NC	1668	0.0234	0	0	0.0204	0.0006	0	0.0012	0.0012	0	0	0	0	0
NEW CANEY	333NC	5587	0.1849	0.0204	0.0005	0.0652	0.0206	0.0567	0.0013	0.0011	0.0068	0.0004	0.0113	0.0004	0.0004
NEW CANEY	334NC	6584	0.4584	0.009	0	0.1245	0.0573	0.0003	0	0.0003	0.008	0.0005	0.2585	0	0
NEW CANEY	335NC	2160	0.7903	0.0301	0.0005	0.125	0.5764	0.0032	0.0019	0	0.0032	0.0495	0.0005	0	0
NEW CANEY	336NC	4718	0.1609	0	0	0.1556	0.0011	0	0.0021	0.0004	0	0	0.0017	0	0
NEW CANEY	337NC	590	0.1085	0.0898	0	0	0.0017	0	0	0.0051	0	0.0051	0.0068	0	0
NEW CANEY	338NC	2458	1.3649	0.0008	0	1.347	0.0069	0.0004	0.002	0.0016	0.0041	0	0	0	0.002
NORTH END	21NOE	1898	0.0922	0.0274	0.0026	0.0121	0.0348	0	0	0.0047	0	0	0	0.0058	0.0047
NORTH END	29NOE	350	0.0514	0	0	0	0	0	0	0	0	0	0.0514	0	0
NORTH SILSBEE	471NS	1119	0.5353	0.0581	0	0.3566	0	0.0036	0.1126	0	0.0027	0	0	0	0.0018
NORTH SILSBEE	472NS	332	1.2289	0	0	0	1.2078	0	0	0.0211	0	0	0	0	0
OAK RIDGE (TX)	740OK	1272	0.25	0.011	0	0.2225	0.0039	0.011	0	0.0016	0	0	0	0	0
OAK RIDGE (TX)	741OK	834	0.0156	0	0	0	0	0	0	0.0156	0	0	0	0	0
OAK RIDGE (TX)	742OK	238	0.4454	0	0	0	0	0	0	0.4454	0	0	0	0	0
OAK RIDGE (TX)	743OK	1047	0.1987	0	0	0	0	0	0.0411	0.1538	0	0	0.0038	0	0
OAK RIDGE (TX)	744OK	2952	0.5705	0.5108	0	0.0027	0.0027	0	0	0.0068	0.0474	0	0	0	0
OAK RIDGE (TX)	745OK	527	0	0	0	0	0	0	0	0	0	0	0	0	0
OILLA	345OI	1456	0.1243	0	0	0.0508	0.0323	0	0.011	0	0	0.0254	0.0048	0	0
ORANGE	350ON	939	0.2173	0.0032	0	0	0.0075	0.0341	0	0.0841	0	0.0884	0	0	0
ORANGE	351ON	500	0.018	0	0	0	0	0.008	0	0	0.01	0	0	0	0
ORANGE	352ON	918	0.0915	0	0	0	0	0.0632	0.0065	0	0.0054	0	0.0087	0.0076	0
PANORAMA	525PA	1425	0.1102	0	0	0	0	0.0274	0.0828	0	0	0	0	0	0
PANSY	184PS	419	0.0095	0	0	0	0	0.0024	0	0.0072	0	0	0	0	0
PANSY	185PS	1328	0.0008	0.0008	0	0	0	0	0	0	0	0	0	0	0
PARKDALE	171PR	706	0.0142	0	0	0	0.0142	0	0	0	0	0	0	0	0
PARKWAY	350PW	966	0.5352	0	0	0.0311	0	0.0455	0	0.3054	0.0031	0	0.147	0	0.0031
PEE DEE	806PD	2576	0.2632	0.0182	0	0.0128	0.0357	0.0272	0.0008	0.1479	0.0074	0.0054	0	0.0078	0
PEE DEE	808PD	922	0.1095	0	0	0.0738	0	0.0358	0	0	0	0	0	0	0
PEE DEE	809PD	1650	0.8291	0.0152	0.0012	0.2206	0.537	0.0012	0.0006	0.0327	0	0	0.0055	0.0152	0
PLANTATION (TX)	545PL	1084	0.0803	0.012	0	0	0	0.0028	0	0.0185	0	0	0.047	0	0
PLANTATION (TX)	546PL	869	0.2175	0.0334	0	0	0	0	0	0	0.0334	0.1507	0	0	0
PORT ACRES SUB	68PPTA	1273	0.4211	0	0	0.0621	0	0.0079	0	0	0.0024	0	0	0.3488	0
PORT ACRES SUB	69PPTA	699	0.0773	0	0	0	0.0386	0	0.0386	0	0	0	0	0	0
PORT NECHES	46PTN	1282	0.0296	0	0	0.0117	0	0	0	0	0	0	0	0	0.0179
RAYWOOD	73RAY	533	0.0056	0	0	0.0019	0	0	0	0	0.0038	0	0	0	0
RAYWOOD	74RAY	1109	0.0433	0.0117	0	0	0.0027	0	0.0009	0.0009	0	0.0009	0	0.0171	0.009
RAYWOOD	75RAY	120	0.7167	0	0	0	0	0	0.2167	0.5	0	0	0	0	0
RIVTRIN	268RV	2633	0.4618	0.0422	0	0.0475	0.2605	0.0862	0.0163	0	0.0038	0	0.0053	0	0
RIVTRIN	269RV	2984	1.9276	0.1934	0.0101	0.5824	0.7962	0	0.0731	0.0047	0.0111	0	0.2567	0	0
ROSEDALE (TX)	151RS	1275	0.0369	0	0	0.0024	0	0.0314	0	0	0	0	0.0031	0	0
ROSEDALE (TX)	152RS	742	0.7763	0	0	0.2736	0	0.1253	0.1914	0.0782	0.1038	0.004	0	0	0
ROSEDALE (TX)	153RS	732	0.556	0.3675	0.0082	0.0437	0.0423	0.0314	0.0574	0	0.0055	0	0	0	0

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Substation_Name	Feeder_ID	Customers	Total Veg SAIFI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SARATOGA	761SA	432	0 0972	0 0231	0 0301	0	0	0 0023	0 0231	0	0 0116	0	0 0069	0	0
SHEAWILL	535SH	692	0 0043	0	0	0	0	0	0	0	0	0	0 0043	0	0
SHEAWILL	536SH	1392	0 0438	0	0	0	0 0201	0	0	0 0237	0	0	0	0	0
SILSBEE	461SI	544	0 1195	0	0	0	0 0882	0	0	0	0	0	0 0313	0	0
SILSBEE	462SI	799	1 1802	0	0	0 0238	0 0951	0 0275	0 0025	0 0013	1 03	0	0	0	0
SILSBEE	463SI	772	0 1632	0 0285	0	0	0 0246	0 0972	0 0091	0	0 0039	0	0	0	0
SOMERVILLE	126SO	857	0 0712	0	0	0	0 0478	0	0	0 0233	0	0	0	0	0
SOMERVILLE	127SO	486	0 0658	0	0	0	0	0	0	0	0	0	0 0329	0	0 0329
SOUR LAKE	104SL	387	0 0207	0	0	0	0	0	0	0 0207	0	0	0	0	0
SOUR LAKE	105SL	1247	0 0682	0	0	0	0 0032	0	0 0184	0 0152	0	0	0 0313	0	0
SOUTH LIBERTY	714SL	116	0 1552	0	0	0 0086	0	0	0	0 0776	0	0	0	0 069	0
SPLENDORA	307SP	1621	0 1721	0	0	0 161	0	0 0012	0 0031	0	0	0	0	0 0066	0
SPLENDORA	308SP	2694	0 1206	0 0356	0 0056	0 0007	0 0082	0 003	0 0156	0	0 0293	0 0007	0 0204	0 0007	0 0007
SPLENDORA	309SP	1384	0 3526	0 1236	0	0 091	0 0571	0	0 0058	0 0101	0	0 0296	0 0217	0 0108	0 0029
SPURLOCK	98SPU	726	0 0028	0	0	0	0	0 0028	0	0	0	0	0	0	0
SPURLOCK	99SPU	746	0 0107	0	0	0	0 0027	0	0 008	0	0	0	0	0	0
STONEGATE	92STG	2024	0 9995	0	0	0 003	0	0	0	0	0	0	0	0	0 9965
STOWELL	231ST	1020	0 0216	0	0	0	0	0	0	0	0	0	0	0	0 0216
STOWELL	232ST	1168	0 0214	0	0 0034	0	0 0034	0 0009	0	0	0 0086	0 0034	0	0	0 0017
STOWELL	233ST	677	0 0532	0	0	0	0	0	0	0	0	0	0	0	0 0532
TAMINA	316TA	296	0 0203	0	0 0034	0	0	0 0068	0 0101	0	0	0	0	0	0
TAMINA	317TA	942	0 0149	0	0	0	0	0	0 0021	0	0	0	0 0096	0	0 0032
TAMINA	598TA	822	0 0827	0 0146	0	0 0231	0 0097	0 0341	0	0 0012	0	0	0	0	0
TAMINA	599TA	452	0 1748	0 0066	0 0022	0 0066	0	0	0	0 0044	0 0022	0 0022	0	0 1504	0
TANGLEWOOD	134TG	2223	0 0171	0	0	0	0	0 0171	0	0	0	0	0	0	0
TANGLEWOOD	135TG	676	0 0192	0	0	0	0 0192	0	0	0	0	0	0	0	0
TANGLEWOOD	136TG	620	0 9935	0	0	0 9581	0	0 0355	0	0	0	0	0	0	0
TANGLEWOOD	137TG	1520	0 0467	0 0007	0	0 0461	0	0	0	0	0	0	0	0	0
TEMCO	627TE	903	0 2669	0 0011	0	0	0 0199	0 0011	0	0 0498	0 0465	0	0 1484	0	0
TEMCO	628TE	400	1 1425	1 0325	0	0	0 005	0 015	0	0 07	0 0175	0	0	0 0025	0
TRANSCO	48TCO	216	0 2037	0	0	0 0833	0	0	0 1204	0	0	0	0	0	0
TYRRELL	37TYR	520	0 0231	0	0	0	0 0231	0	0	0	0	0	0	0	0
VIDOR	161VD	593	0 0101	0	0	0	0	0	0	0	0 0101	0	0	0	0
VIDOR	162VD	1883	0 0574	0	0	0	0 0244	0 0011	0	0 0074	0	0 0011	0	0 0234	0
VIDOR	163VD	1648	0 1523	0 0061	0 0115	0 0006	0 0218	0 0097	0 0073	0 0073	0	0 0231	0 0164	0 0018	0 0467
VIDOR	164VD	802	0 1272	0	0 0037	0 005	0	0 0037	0 0374	0 005	0 0723	0	0	0	0
VIRGINIA	130VI	1152	0 1701	0	0	0	0	0	0 1701	0	0	0	0	0	0
VIRGINIA	131VI	1393	0 0237	0 0129	0	0 005	0	0	0	0	0 0057	0	0	0	0
VIWAY	681VI	934	0 1071	0 0857	0 0107	0	0	0	0	0	0 0021	0	0 0086	0	0
VIWAY	682VI	1725	0 2093	0 1299	0	0 0197	0	0 0023	0 0296	0	0 0278	0	0	0	0
WALDEN	564WD	2850	0 0484	0	0	0	0	0	0	0 0484	0	0	0	0	0
WARREN	506WR	1338	0 7608	0 0486	0 0007	0 2848	0 0291	0 1338	0 0037	0 071	0	0 0007	0 1338	0 0508	0 0037
WARREN	592WR	2266	0 8244	0 0552	0 0004	0 3883	0 0119	0 026	0 0415	0 2026	0 0755	0 0071	0 0137	0	0 0022
WEST END	80WED	268	0 0336	0 0037	0	0	0	0 0299	0	0	0	0	0	0	0
WEST END	82WED	493	0 0385	0	0	0	0	0 0385	0	0	0	0	0	0	0
WEST END	85WED	530	0 0585	0 0151	0	0 0057	0	0	0 0075	0	0 0151	0	0	0	0 0151
WEST END	86WED	507	0 0197	0	0	0	0	0	0 0197	0	0	0	0	0	0
WEST END	88WED	916	0 0109	0	0	0	0	0 0109	0	0	0	0	0	0	0
WEST ORANGE	392WO	702	0 1966	0	0 1111	0	0	0 0171	0	0	0 0584	0	0	0	0 01
WEST ORANGE	393WO	656	0 1204	0	0	0	0 0107	0 0091	0	0	0 0854	0	0 0091	0	0 0061
WESTSIDE	113WS	279	0 0323	0	0	0	0	0	0	0	0	0	0	0	0 0323
WINFREE	34OWN	467	0 0214	0	0	0	0	0	0	0	0	0	0 0193	0	0 0021
WINFREE	341WN	729	0 0288	0	0	0 0274	0 0014	0	0	0	0	0	0	0	0
WINFREE	342WN	1185	0 0068	0	0	0	0	0 0008	0	0 0042	0 0017	0	0	0	0
WINSHIRE	240WS	937	0 1558	0	0	0	0	0	0	0 0117	0 0363	0	0 1078	0	0
WINSHIRE	241WS	1079	0 0463	0	0	0	0	0	0	0	0	0	0	0	0 0463
WOODVILLE (TX)	593WD	712	0 4733	0 3062	0	0 0028	0 1292	0	0	0	0 0098	0	0 0169	0	0 0084
WOODVILLE (TX)	594WD	1175	0 6809	0 0204	0	0 0264	0 4468	0 017	0 017	0 0111	0 0791	0 0085	0	0	0 0545
WYNTEX	632WT	885	0 0893	0	0 0373	0 0384	0	0 0079	0	0	0 0056	0	0	0	0
WYNTEX	634WT	1328	0 8193	0 0233	0 0414	0	0 3931	0 0602	0 0023	0 012	0 2221	0	0 0648	0	0

ATTACHMENT B

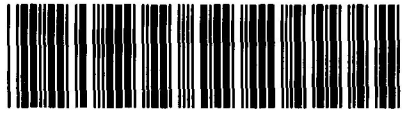
Substation_Name	Feeder_ID	Customers	Total Veg SAIFI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
YANKEE DOODLE	22YAN	2116	0.0246	0	0	0	0	0	0.0246	0	0	0	0	0	0
YANKEE DOODLE	25YAN	169	0.0592	0	0	0.0533	0	0.0059	0	0	0	0	0	0	0

The following files are not convertible:

41381_61_ETI 2019 VM Report Attachment
- 2018 Veg. SAIDI SAIFI.xlsx

Please see the ZIP file for this Filing on the PUC Interchange in order to access these files.

Contact centralrecords@puc.texas.gov if you have any questions.



Control Number: 41381



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In Compliance With P.U.C. Substantive Rule §25.96

PUBLIC UTILITY COMMISSION
FILING CLERK

Entergy Texas, Inc.
Vegetation Management Report
Planning Year 2019

May 1, 2019

Contact Information

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In compliance with P.U.C. SUBSt. R. §25.96, Entergy Texas, Inc. (“ETI”) files its Vegetation Management Report. ETI’s report contains the required information under P.U.C. SUBSt. R. §25.96(f)(1) and generally follows the outline of this subsection of the rule.

**P.U.C. SUBSt. R. §25.96(f)(1)(A & H)
Vegetation Management Program Goals and Measurements**

The mission of the Vegetation Management Program is to support ETI’s customer service aspirations of exceeding established service targets with least cost expenditures. This will be accomplished with an aggressive program and contract strategies that maximize productivity and utilize new technologies, designed to reduce future workload. Specific Goals and Measures are as follows:

- A. Ensure Safety to ETI’s Customers:
 - Customer and employee safety is the most important goal at ETI. This goal is best accomplished by obtaining proper clearances, removal of danger trees, and an effective education and communication program.
- B. Provide Reliable Electric Service to ETI’s Customers:
 - Proper maintenance scheduling and obtaining appropriate clearances from trimming operations are necessary in order to maintain reliable electric service to ETI’s customers.
- C. Manage the Vegetation in a cost effective and environmentally sound manner:
 - By utilizing planning procedures to ensure the proper utilization of equipment, material and personnel, a balance can be maintained between cost effectiveness and environmentally sound treatments.
- D. To Reduce Future Maintenance Costs:
 - Incorporating proper clearances, sound pruning practices, removal of high maintenance trees, and a safe and effective herbicide program will reduce future costs.
- E. Measures:
 - Cycle Program – 2019 plan is to complete trimming of an estimated 2545 distribution line miles. ETI monitors line mile progress weekly and makes adjustments as necessary to ensure completion of the plan.
 - Reliability: ETI develops a customer view SAIFI target and vegetation performance is monitored monthly to identify any negative trends and respond accordingly.

§25.96(f)(1)(F)

As of December 31, 2018, ETI has 11,544 miles of overhead distribution miles in its system, excluding service drops.

§25.96(f)(1)(G)

As of December 31, 2018, ETI served 454,153 meters.

§25.96(f)(1)(I)

In order to implement ETI's 2019 Vegetation Management Plan, ETI has budgeted:

A. O&M:

- Scheduled Maintenance: \$11,085,498
- Unscheduled Maintenance Herbicide/Reactive \$775,000
- Skyline/Hazard Tree \$500,000

B. Storm/Post Storm Activities:

- Smaller storms are funded from the Unscheduled Maintenance.
- Larger storms are funded by ETI's storm reserves.

§25.96(f)(1)(B-E)

A summary of ETI's Vegetation Management Plan, which, at a minimum, includes the items under §25.96(e) and follows the outline of this subsection:

§25.96(e)(1) tree pruning methodology, trimming clearances, and scheduling approach;

ETI has a comprehensive Vegetative Management Plan that covers tree pruning methodologies and pruning cycles, hazard tree identification and mitigation plans, and customer education and notification practices as explained in the following paragraphs.

ETI's distribution vegetation management program uses a multi-tiered approach to total ROW management in order to strive to provide safe and continuous electrical service to its customers, and is recognized by the Arbor Day Foundation as a Tree Line USA utility. ETI employs six Operations Coordinators ("OCs") to oversee the vegetation management program in 12 regional zones or networks. These subprograms include:

- Proactive (planned) Maintenance Program –

Also referred to as cycle maintenance, this program is the backbone of ETI's Vegetation Management Plan. ETI assigns a tailored cycle time (time between trims) to each feeder based on such factors as growth rates, type and density of side and floor vegetation, vegetation-related outage information, time from last maintenance trim, and other reliability metrics. Field inspections also play a vital role in cycle assignment and adjustment. Target pruning cycles can range from two (2) to eight (8) years. Actual ROW work is conducted by trained professional contractors using an Entergy-standard trimming specification that complies with the ANSI A300 (Part 1) Standard-2008 Revision. ETI inspects 100% of all

proactive work performed annually. ETI’s detailed Trim Specifications can be viewed in Appendix A. Below are ETI’s Trim Specification Clearances:

Rate of Tree Growth	Urban (ft.)	Rural (ft.)	Example Tree Species
Slow	6	10	conifers, live oak, eastern red cedar, southern magnolia
Fast	10	15	sugarberry (hackberry), sweetgum, elm, water oak, sycamore, willow, Chinese tallow. pecan, maple, ash, hickory, black cherry

- **Reactive (unplanned) Maintenance Program –**
 A reactive component is essential to address unplanned safety or reliability concerns affecting distribution lines in a timely fashion. ETI’s reactive maintenance program addresses customer requests for trimming, emergency situations, and other maintenance needs outside the annual trim plan. For tracking purposes, these work types are split into several categories: SR TRIM – Service Request from External Customer.
 - Inspected by ETI service personnel for validity.
 - Service personnel will trim if work can be completed within 30 minutes.
 - SR VEGE – Service Request from External Customer that cannot be completed within 30 minutes by service personnel.
 - SR VINT – Service request from internal customer, such as service or network personnel.

- **Hazard Tree ID & Removal Program –**
 In 2002, Entergy, on behalf of ETI and other Entergy operating companies, developed the system-standard Danger Tree Patrol Process. This guideline identifies the timeline for hazard tree patrols and the physical attributes Operations Coordinators (“OC’s” - ETI employee who performs patrols and oversees vegetation work) will look for while conducting patrols:
 1. Timeline
 - Weekly– ETI maintains a weekly reliability analysis tool for Vegetation Management, allowing for fast response to increased hazard tree outages. In addition, ETI maintains a list of historically poor performing distribution circuits for automatic annual inspection.

- April – Patrols begin on a per-circuit basis to coincide with leaf-out (the emergence of leaves on hardwood trees). Work is passed to contractors upon completion of each feeder patrol.
- June 30- All danger tree removals complete.

2. Criteria

- Dead trees with overhang
 - Dead trees straight up or leaning toward the line
 - Trees with a lean toward the line
 - Trees uprooting toward the line
 - Trees in decline, diseased or decaying (e.g.: lighting, base rotting, or weakened)
 - Broken limbs overhanging the line
 - Bad crotch/Co-dominant stems that have branches overhanging the line or angle towards the line
 - Dead branches on a live tree that overhangs the line
 - Vines $\frac{3}{4}$ or more up the pole
 - Trees that are in imminent danger (e.g.: within one or two working days) of falling into a conductor, use the reactive process discussed above
- “Skyline” Overhang Removal Program –
“Skylining” refers to the removal of any limb capable of falling or hinging down upon energized conductors. ETI uses skylining on a limited basis, primarily on the main trunk of feeders, to decrease the potential for outages on these high customer-count line segments. This work is usually conducted in conjunction with normal cycle maintenance but is also performed as needed reactively when conditions merit.
 - Herbicide Application Program –
OCs identify areas where vines are a recurring problem, create maps, and hand off to spray crews. Patrols begin in March and continue through the main part of the growing season as needed. In addition, ETI uses foliar and basal applications within the ROW to control woody species. The herbicide floor work is bid out yearly on a circuit-by-circuit base. Bids normally go out in Mid-April and work would commence by Late Spring/Early Summer.

Guidelines for Herbicide Treatment:

- A. All work will be performed according to federal, state and local regulations. All products must be used consistent with label. **THE LABEL IS THE LAW.**
- B. The contractor is responsible for all applications, record keeping and disposal of containers.

- C. Herbicides are to be applied by qualified applicators. A qualified applicator is a person who has been trained regarding the product, application methods and meets all federal and state requirements.
- D. The use of herbicides to control undesirable vegetation is utilized as a means of making ETI's vegetation management program more effective.
- E. The following application methods are approved for use on the ETI distribution system:
 1. High/Low Volume Foliar Applications
 2. Cut Stump Treatments
 3. Basal Applications
 4. Soil Applications
- Tree Growth Regulator ("TGR") Program – Using a basal drench application technique and customized chemical amounts per Diameter Breast Height ("DBH") and tree species as specified by Utility Application Guide published by Rainbow Treecare Scientific Enhancements, ETI has concluded that the treatment cycle times can be safely increased without negatively affecting reliability in urban or otherwise maintained areas. This program is in the developmental stages. ETI uses the application specifications below for treatment candidates:
 - Any woody species with DBH greater than eight inches capable of growing into overhead primary conductors
 - Any woody species directly under the overhead conductors that have traditionally been "V" trimmed
 - Any woody species with large structural branches directly under the overhead conductors where re-growth could impact the overhead conductors. Any woody species not fitting the above descriptions but deemed as good treatment candidates by Contractor are addressed with local designated company representative on a case-by-case basis.

§25.96(e)(2) methods used to mitigate threats posed by vegetation to applicable distribution assets;

Various methods are currently utilized by ETI to mitigate threats posed by vegetation. ETI's Cycle based maintenance program is the backbone of the Vegetation Management plan and a majority of the threats posed by vegetation are mitigated at the time the feeder is trimmed. ETI's goal is to commence work on feeders prior to trees growing into the conductors. ETI realizes that its cycle based maintenance program cannot mitigate every potential vegetation threat, so ETI also relies on its Distribution Line Groups, Internal and External Customers to inform the vegetation management group

of threats posed by vegetation. This is ETI's Reactive Program. Please refer to section (1) sub-section below titled Reactive (unplanned) Maintenance Program for additional information.

ETI requests that its external customers call 1-800-ENTERGY if they view potential vegetation issues. Entergy Customer Service Center ("CSC") agents are the first point of contact for any customer with a tree concern. Being on the frontline gives the CSC agents excellent opportunities to inform customers about ETI's Vegetation Management policies.

The CSC agents receive thousands of tree-related requests annually. For any call, the first goal of the CSC agent is to determine the nature of the request. Emergencies are immediately forwarded to the Distribution Operation Center (DOC) for dispatch.

Non-emergency requests go through a question-and-answer process to determine what the customer needs, and what ETI can provide. For all reasonable requests, the CSC agent creates either an SR TRIM for trimming related requests or an SR VEGE for tree removal requests. All SR TRIMs go to the appropriate local service center for scheduling and inspection.

Servicemen are scheduled 30 minutes per each vegetation customer request. This time period includes inspection, some light trimming, and/or to inform the customer that their request is not something ETI can accommodate.

However, if the trimming is necessary but cannot be handled by the serviceman, he/she makes contact to inform the customer, and turns it over to Vegetation Management for completion.

Once an SR TRIM is turned over to Vegetation Management, it becomes an SR VEGE. All SR VEGEs are inspected by trained tree trimming contractors for validity, and schedule the work accordingly.

ETI's tree trimming contractors are required to inspect, contact the customer, and complete all necessary work within a 10 business day commit timeframe.

§25.96(e)(3) tree risk management program;

ETI's goal is to improve and promote long term distribution reliability and safety at a minimum cost by reducing the number of defective trees from falling near or into electrical distribution facilities. ETI's Vegetation Tree Risk Management program attempts to mitigate this threat by targeting:

- Dead trees with overhang
- Dead trees straight up or leaning toward the line
- Trees with a lean toward the line
- Trees uprooting toward the line
- Trees in decline, diseased or decaying (e.g.: lightning, base rotting, insect infestations or weakened)
- Broken limbs overhanging the line

- Bad crotch/Co-dominant stems that have branches overhanging the line or angle towards the line
- Dead branches on a live tree that overhangs the line
- Trees that are in imminent danger (e.g.: within one or two working days) of falling into a conductor, use the reactive process discussed above

§25.96(e)(4) participation in continuing education by the utility’s internal vegetation management personnel;

ETI’s management supports all Vegetation Management OC’s in obtaining credentials that support the continued advancement of Integrated Vegetation Management (“IVM”). Examples of this include: Arborist Certification, Texas Department of Agriculture Pesticide Certification, Utility Arborist Certification, Texas Vegetation Management Association involvement, Tree Risk Assessment Qualifications, and other industry trade qualification or associated education.

§25.96(e)(5) estimate of the miles of circuits along which vegetation is to be trimmed or method for planning trimming work for the coming year;

Every circuit in the ETI has its own cycle. Cycles are calculated by determining the voltage, the amount of clearance obtained from last trim cycle, the percentage of fast growing tree species, Tree Species re-growth rates, vegetation-related outage information, other reliability metrics, and the last trim date. Target pruning cycles can range from two (2) to eight (8) years. Vegetation Personnel work with the state Vegetation Manager and line personnel to adjust cycles to maximize reliability and/or customer satisfaction. In 2019, ETI plans to trim approximately 2,545 Distribution Line Miles.

§25.96(e)(6) plan to remediate vegetation-caused issues on feeders which are on the worst vegetation-caused performing feeder list for the preceding calendar year’s System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI); and

In the last Quarter of each year, ETI vegetation management will view all reliability data for the previous 12 month period on every ETI feeder. Through this process, ETI vegetation management will select the feeders that are responsible for 50% of the Customer Interruptions (SAIFI) and Customer Minute durations (SAIDI). The feeders chosen from this selection process makes up ETI’s WOW feeder list (Worst of the Worst). Each OC has from January to March to inspect these feeders and determine the work that needs to be completed. Once the inspection is done, the work is handed off to ETI contractors, who have until June to complete the identified work.

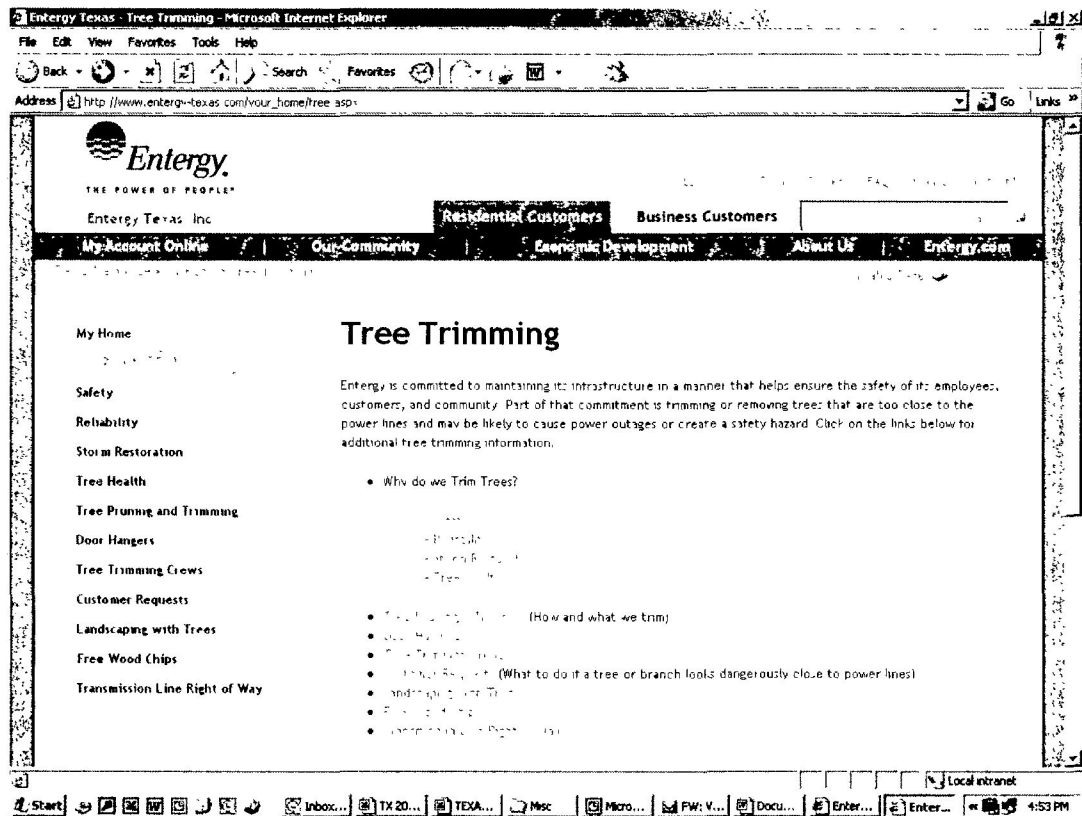
§25.96(e)(7) customer education, notification, and outreach practices related to vegetation management.

ETI employs a multi-tiered approach to customer contact and education with regard to Vegetation Management (“VM”), with the goal of keeping our customers informed. This includes:

A. Direct Customer (internal and external) Contact:

1. VM personnel maintain a working plan for all maintenance work to be completed within a calendar year. As a project is queued to begin, the VM field operative informs internal customers of the work scope via email.
2. Communications Specialists draft and circulate a news release with pertinent information in local newspapers and social media channels.
3. VM utilizes the Predictive Dialer process in order to initiate pre-recorded calls to all customers in the area affected by maintenance trimming, utilizing contact information on their accounts.
4. As the VM crews move into the work project area, they go door to door notifying customers of the impending work. If the customer is not at home, a green door hanger is left at the residence. A contact name and number is included on the card for customers with questions regarding their property.
5. To the extent the VM crews were unable to complete the daily cleanup, the orange door hanger is used to let the customer know when they will return to complete the cleanup.
6. For non-maintenance related customer concerns regarding vegetation, personal contact is attempted as well. However, if the customer cannot be contacted, the VM personnel still completes the site assessment and completes any work ETI is responsible for that can be completed at the time. If ETI needs to return another day for the work, the customer is notified of this. If the customer is not at home, a red door card is used to inform them of the site assessment and what has been done and/or needs to be completed, as well as who is responsible for completing the work.
7. During maintenance and non-maintenance customer visits, ETI VM personnel also use two booklets :
 1. Best Management Practices Series – Utility Pruning of Trees
 2. A tree planting guide created by Entergy entitled “What to Plant and Where to Plant it.” Both of these booklets are very helpful in educating the public.

B. Web-Based Communication: ETI maintains an extensive website to keep customers informed. This website can be viewed at:
http://www.entergy-texas.com/your_home/tree.aspx.



Topics covered at this site include:

3. Tree trimming: The reasons ETI maintains the vegetation within and around the right of way (“ROW”), which includes safety, reliability, storm restoration, and tree health.
2. Door hangers: Allows customers to verify the door card on their door is an actual ETI approved door card.
3. Tree trimming crews: Discusses the tree trimming contractors ETI employs.
4. Customer requests: How to contact an ETI representative regarding a tree concern.
5. Landscaping with trees: A request to LOOK UP before you plant.
6. Free wood chips: A great mulch alternative for free.
7. Transmission Line Right of Way: Discusses ETI’s transmission line obligations.

- C. Public Forum: ETI meets on a periodic basis with community leaders and public officials. The topics discussed in these meetings vary, and will include vegetation management when appropriate.

§25.96(f)(2) 2015 Vegetation Implementation Summary:

(A) whether the utility met its vegetation maintenance goals and how its goals have changed for the coming calendar year based on the results:

- ETI met the goals listed on page 2. Goals set for the coming year will be based on the same measures.

(B) successes and challenges with the utility's strategy, including obstacles faced, such as property owner interference, and methods employed to overcome them:

- Continued funding allowed beginning in 2017 for Hazard Tree work, was a proven success in improving reliability. Preplanning routine work alerts the property owners of upcoming work and mitigates many customer issues.

(C) the progress and obstacles to remediating issues on the vegetation-caused, worst performing feeders list as submitted in the preceding year's Report:

- Removing historic levels of dead trees allowed a positive performance from the preceding year.

(D) the number of continuing education hours logged for the utility's internal vegetation management personnel, if applicable:

- As stated on page 8 of this document, ETI's management supports all Vegetation Management OC's in obtaining credentials that support the continued advancement of IVM. Examples of this include but are not limited to: Arborist Certification, Texas Department of Agriculture Pesticide Certification, Utility Arborist Certification, Texas Vegetation Management Association involvement, Tree Risk Assessment Qualifications, and other industry trade qualification or associated education. ETI Vegetation personnel are 100% compliant on all mandated training and achieved 60.5 hours of continuing education hours in 2018.

(E) the amount of vegetation management work the utility accomplished to achieve its vegetation management goals described in paragraph (1)(A) of this subsection:

- ETI completed 95% of the line miles planned in the 2018 cycle program. Reliability improved due to the removal of hazard trees, and needed reactive trimming on out of cycle vegetation due to early rainfall.

- **(F) the separate SAIDI and SAIFI scores for vegetation-caused interruptions for each month and as reported for the calendar year in its Service Quality Report filed pursuant to P.U.C. Subst. R. §25.52 of this title (relating to Reliability and Continuity of Service) and P.U.C. Subst. R. §25.81 of this title (relating to Service Quality Reports), at both the feeder and company level:**
 - See Attachment A for SAIDI
 - See Attachment B for SAIFI

(G) the vegetation management budget, including, at a minimum:

(i) a single table with columns representing:

(I) the budget for each category and subcategory that the utility provided in the preceding year pursuant to paragraph (1)(I) of this subsection, with totals for each category and subcategory;

(II) the actual expenditures for each category and subcategory listed pursuant to subclause (I) of this clause, with totals for each category or subcategory;

(III) the percentage of actual expenditures over or under the budget for each category or subcategory listed pursuant to subclause (I) of this clause; and

(IV) the actual expenditures for the preceding reporting year for each category and subcategory listed pursuant to subclause (I) of this clause, with totals for each category or subcategory;

<u>Category</u>	<u>Subcategory</u>	<u>2018</u> <u>Actuals</u>	<u>2018</u> <u>Budget</u>	% Variance (2018 Actuals vs Budget)	<u>2019 Budget</u>
Scheduled	Proactive Cycle Trim	\$7,170,237	\$8,153,869	(12)	\$9,810,498
Unscheduled	Herbicide / Reactive	\$575,746	\$775,000	(25.5)	\$775,000
Unscheduled	Skyline/Hazard Tree	\$799,358	\$500,000	59	\$500,000
	TOTAL – Vegetation Management	\$8,545,341	\$9,428,869	(10.3)	\$11,085,498
Unscheduled	Contract Forester	\$0	\$0	N/A%	
	TOTAL – including other ETI Depts	\$8,545,341	\$9,428,869	(9.5)	\$11,085,498
Storm	Storm	\$839,790	\$0	N/A%	-
	GRAND TOTAL	\$9,385,131	\$9,428,869	(.47)	\$11,085,498

(ii) an explanation of the variation from the preceding year’s vegetation management budget where actual expenditures in any category or subcategory fell below 98 percent or increased above 110 percent of the budget for that category:

o ETI budgets vegetation maintenance categories and subcategories based on historic expenditures and performance with the goal of maximizing the reliability provided by the overall, total vegetation budget. Each year presents different challenges (i.e. amount of rainfall) that require adjustments or shifts between categories and/or subcategories to address these challenges. However the ultimate goal is provide a high level of reliability to our customers.

(iii) the total vegetation management expenditures divided by the number of electric points of delivery on the utility’s system, excluding service drops:

o $\$9,385,131 - \$839,790 / 454,153 = \$18.82$
(excludes storm reserves expenditures)

(iv) the total vegetation management expenditures, including expenditures

from the storm reserve, divided by the number of customers the utility served:

- $\$9,385,131 / 454,153 = \20.66
(includes storm reserve expenditures)

(v) the vegetation management budget from the utility's last base-rate case:

- ETI's 2013 base-rate case filing included \$5,956,880 for O&M distribution vegetation management.

Entergy Texas, Inc.

PROJECT NO. 41381 - \$25.96. Vegetation Management

SAIDI scores for vegetation-caused interruptions by month at both the company and feeder level

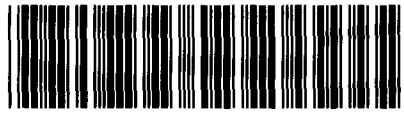
Note: Results are for Distribution assets operating at less than 60 kV, for which ETI needs to perform vegetation maintenance. Thus results exclude substations, underground facilities, and service drops. Feeder list shows Distribution feeders on Texas System with 10 or more customers that had vegetation-caused interruptions .

ETI 2018 System Vegetation SAIDI												
Total Veg SAIDI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
313	12	04	43	13	18	28	29	50	27	27	16	48

ETI 2018 Feeder Vegetation SAIDI														
		Total Veg SAIDI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ADAMS BAYOU	330AD	157	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
ADAMS BAYOU	331AD	194	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
ADAMS BAYOU	332AD	531	2 68	0 00	0 00	0 00	0 00	0 00	0 00	2 68	0 00	0 00	0 00	0 00
Alden Bridge	762AL	5704	38 28	4 61	1 91	0 00	0 88	0 77	25 40	0 20	1 88	0 01	0 00	0 00
Alden Bridge	763AL	699	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Alden Bridge	764AL	1255	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Alden Bridge	765AL	705	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Alden Bridge	766AL	1663	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Alden Bridge	767AL	2780	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Alden Bridge	768AL	534	2 84	0 00	0 00	0 18	0 00	1 44	1 03	0 00	0 00	0 19	0 00	0 00
Alden Bridge	769AL	1144	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
Alden Bridge	770AL	1578	93 43	1 82	0 00	69 61	0 36	2 52	9 25	0 00	9 65	0 22	0 00	0 00
Alden Bridge	771AL	2156	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
AMELIA BULK	180AM	1429	4 38	0 00	0 00	0 00	0 00	0 00	0 09	1 02	1 99	1 28	0 00	0 00
AMELIA BULK	181AM	2336	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
AMELIA BULK	182AM	1055	9 07	0 00	0 00	0 20	0 00	0 00	0 00	0 00	0 00	0 00	2 17	6 70
APOLLO	320AP	2107	10 01	0 16	0 00	0 00	0 00	0 12	0 00	0 00	1 80	0 40	2 37	1 13
APOLLO	321AP	1590	95 73	0 14	0 00	92 96	0 00	1 40	0 00	0 00	0 00	0 04	0 74	0 45
APRIL	590AP	1608	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
APRIL	591AP	1661	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
APRIL	592AP	1112	2 05	0 00	0 00	0 00	0 00	0 00	0 00	1 94	0 00	0 00	0 00	0 11
BATSON	53BAT	934	11 03	0 80	0 00	0 00	0 15	4 57	2 01	0 00	0 00	0 00	0 83	2 67
BAYOU FANNETT	250BY	322	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
BAYSHORE	211BA	1065	4 17	0 00	0 07	0 00	0 00	0 00	0 00	0 00	0 00	3 47	0 63	0 00
BAYSHORE	212BA	49	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
BAYSHORE	213BA	1775	5 12	0 00	0 00	0 00	0 00	0 00	0 00	1 72	0 00	0 00	2 83	0 57
BENTWATER	520BW	2100	222 54	0 00	0 00	0 39	0 00	2 78	68 38	0 43	103 72	0 28	18 33	27 36
BENTWATER	521BW	2083	0 91	0 00	0 00	0 00	0 09	0 00	0 00	0 00	0 00	0 82	0 00	0 00
BENTWATER	522BW	721	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
BEVIL	154BE	2467	22 13	0 00	0 11	0 00	0 00	0 95	19 71	0 12	0 00	0 00	0 00	1 23
BEVIL	155BE	4116	54 78	0 00	1 50	1 06	0 93	36 48	2 42	1 26	0 71	9 32	1 09	0 00
BEVIL	156BE	610	45 16	0 00	0 00	0 00	0 00	25 66	1 60	0 92	0 00	0 26	0 00	9 63
BRIARCLIFF	30BRC	2405	10 55	0 00	0 00	0 00	0 00	0 00	0 00	4 00	0 00	0 32	1 90	3 14
BRIARCLIFF	31BRC	869	11 10	0 00	0 00	2 15	0 27	0 00	0 14	0 00	0 00	0 00	0 08	8 44
BRIARCLIFF	32BRC	1283	197 59	0 00	1 49	0 00	180 04	0 41	0 00	0 00	15 01	0 00	0 63	0 00
BRIARCLIFF	33BRC	302	2 05	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	2 05	0 00
BRIDGE CITY	360BD	1131	34 18	0 00	0 00	0 00	0 00	0 00	0 83	0 00	0 00	0 73	32 52	0 00
BRIDGE CITY	361BD	1106	0 77	0 00	0 00	0 00	0 00	0 00	0 77	0 00	0 00	0 00	0 00	0 00
BRIDGE CITY	362BD	1186	2 01	0 00	0 07	0 00	0 00	0 00	0 00	0 00	0 00	0 00	1 95	0 00
BRIDGE CITY	363BD	2178	1 29	0 00	0 00	0 00	0 00	0 00	0 00	0 10	0 00	0 00	1 19	0 00
BROOKS CREEK	270BC	49	227 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	227 00	0 00	0 00	0 00
CALDWELL INDUSTRIAL	138CI	736	2 43	0 00	0 00	0 00	0 00	0 10	2 06	0 00	0 16	0 11	0 00	0 00
CALVERT	4CAL	2196	8 33	0 00	4 07	0 53	1 66	0 00	0 00	0 27	0 00	1 10	0 32	0 39
CALVERT	6CAL	1617	0 60	0 00	0 00	0 00	0 00	0 22	0 00	0 00	0 11	0 03	0 24	0 00
CEDAR	698CE	22	320 73	0 00	0 00	0 00	320 73	0 00	0 00	0 00	0 00	0 00	0 00	0 00
CENTRAL	130CE	738	1 01	0 00	0 00	0 00	0 00	0 00	0 00	1 01	0 00	0 00	0 00	0 00
CENTRAL	131CE	974	48 07	0 00	0 00	0 00	0 00	0 00	35 68	0 00	12 39	0 00	0 00	0 00
CENTRAL	132CE	1810	0 55	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 55	0 00	0 00	0 00
CENTRAL	133CE	1610	0 80	0 00	0 00	0 00	0 60	0 00	0 00	0 00	0 20	0 00	0 00	0 00
CHEEK	159CH	539	0 15	0 00	0 00	0 00	0 00	0 15	0 00	0 00	0 00	0 00	0 00	0 00
CHEEK	160CH	708	0 58	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 58	0 00
CHEEK	165CH	111	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
CHEEK	166CH	378	3 46	0 00	3 46	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
CHINA	92CHI	659	11 04	0 00	0 00	0 00	0 00	0 00	0 31	0 00	0 00	7 88	2 85	0 00
CHINA	93CHI	1299	5 10	2 67	0 00	0 00	0 22	0 00	0 00	0 00	0 39	0 26	1 01	0 55
CLEVELAND (TX)	403CV	1488	6 31	0 00	0 00	4 15	0 00	0 20	1 37	0 00	0 00	0 54	0 04	0 00
CLEVELAND (TX)	404CV	1846	16 18	4 78	0 00	0 00	0 00	0 00	0 00	0 00	9 96	1 42	0 00	0 02
CLEVELAND (TX)	405CV	1892	20 69	4 65	0 00	2 21	0 00	0 00	2 23	2 44	0 02	1 16	4 37	0 00
CLEVELAND (TX)	406CV	1755	14 79	0 54	0 00	0 00	0 15	0 00	0 00	1 82	0 05	6 16	0 00	3 26
CLEVELAND (TX)	425CV	2747	407 19	54 39	1 67	175 99	1 16	2 34	1 94	0 84	2 90	89 19	1 29	8 93
CLEVELAND (TX)	426CV	3059	51 83	1 78	0 36	3 42	1 05	0 93	5 33	0 26	2 75	19 03	0 71	7 51
CONAIR	511CN	1585	3 96	0 00	0 00	0 00	0 00	2 29	0 00	0 00	0 00	0 00	0 00	1 66
CONAIR	512CN	1245	9 88	0 00	0 00	0 00	0 00	8 66	1 22	0 00	0 00	0 00	0 00	0 00
CONAIR	513CN	1704	4 92	0 00	0 00	0 00	0 00	0 00	0 00	4 87	0 05	0 00	0 00	0 00
CONAIR	514CN	1220	8 55	0 00	0 00	0 00	0 00	0 00	0 00	2 18	0 52	1 18	4 28	0 39

			ETI 2018 Feeder Vegetation SAIDI												
			Total Veg SAIDI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
WOODVILLE (TX)	594WD	1171	4.61	0.00	0.00	0.00	0.64	0.00	0.00	1.75	0.00	0.06	1.28	0.00	0.87
WYNTEX	632WT	901	5.45	0.00	0.00	0.00	0.48	0.00	0.00	0.00	3.33	0.28	0.00	1.36	0.00
WYNTEX	633WT	604	7.57	0.00	0.00	0.00	0.00	0.00	0.00	6.54	0.34	0.00	0.00	0.68	0.00
WYNTEX	634WT	1330	7.17	0.00	0.64	0.00	0.24	5.41	0.00	0.00	0.00	0.46	0.41	0.00	0.00
YANKEE DOODLE	22YAN	2061	29.47	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	1.56	27.82	0.08	0.00
YANKEE DOODLE	23YAN	549	37.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.07	1.71	1.41
YANKEE DOODLE	24YAN	239	2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.59	0.00
YANKEE DOODLE	25YAN	173	27.46	0.00	0.00	0.00	0.00	27.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Substation Name	Feeder ID	Customers	ETI 2018 Feeder Vegetation SAIFI													
			Total Veg SAIFI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
WOODVILLE (TX)	594WD	1171	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.02
WYNTEX	632WT	901	0.07	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.03	0.00
WYNTEX	633WT	604	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.01	0.00
WYNTEX	634WT	1330	0.07	0.00	0.01	0.00	0.01	0.05	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
YANKEE DOODLE	22YAN	2061	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.00
YANKEE DOODLE	23YAN	549	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.01
YANKEE DOODLE	24YAN	239	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00
YANKEE DOODLE	25YAN	173	0.08	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

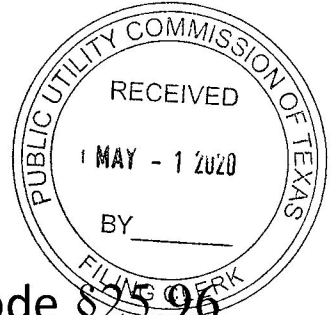


Control Number: 41381



Item Number: 74

Addendum StartPage: 0



Project No. 41381
In Compliance with 16 Tex. Admin Code §25.96

Entergy Texas, Inc.
Vegetation Management Report
Planning Year 2020

May 1, 2020

Contact Information

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In compliance with 16 Tex. Admin Code (“TAC”) § 25.96, Entergy Texas, Inc. (“ETI”) files its Vegetation Management Report. ETI’s report contains the required information under § 25.96(f)(1) and generally follows the outline of this subsection of the rule.

Section 25.96(f)(1)(A & H) Vegetation Management Program Goals and Measurements

The mission of the Vegetation Management Program is to support ETI’s customer service goals by exceeding established service targets in a cost-effective manner. This will be accomplished through a proactive program that maximizes productivity and utilizes new technologies that are designed to reduce future workload.

Specific Goals and Measures are as follows:

A. Providing Reliable Electric Service to ETI’s Customers:

Effectively scheduled maintenance and securing necessary clearances to perform trimming operations are essential in order to maintain reliable electric service to ETI’s customers. This includes removal of danger trees and an effective education and communication program.

B. Manage the Vegetation in a cost effective and environmentally sound manner:

By utilizing planning procedures to ensure the proper utilization of equipment, material, and personnel, ETI can balance cost effectiveness and environmentally sound treatments.

C. To Reduce Future Maintenance Costs:

Incorporating proper clearances, sound pruning practices, removal of high maintenance trees, and a safe and effective herbicide program will reduce future costs.

D. Measures:

- a. Cycle Program – The 2020 plan is to complete trimming of an estimated 2,195 distribution line miles. ETI monitors line mile progress weekly and adjusts as necessary to ensure completion of the plan.
- b. Reliability: ETI develops a customer view System Average Interruption Frequency Index (“SAIFI”) target and vegetation performance is monitored monthly to identify any negative trends and respond accordingly.

Section 25.96(f)(1)(F) total overhead distribution miles in its system, excluding service drops;

As of December 31, 2019, ETI has 11,628 miles of overhead distribution miles in its system, excluding service drops.

Section 25.96(f)(1)(G) total number of electric points of delivery;

As of December 31, 2019, ETI served 471,763 active meters.

Section 25.96(f)(1)(I) vegetation management budget.

In order to implement ETI's 2020 Vegetation Management Plan, ETI has budgeted:

A. O&M:

- Scheduled Maintenance: \$ 8,250,126
- Unscheduled Maintenance Herbicide/Reactive \$775,000
- Skyline/Hazard Tree \$500,000

B. Storm/Post Storm Activities:

- Smaller storms are funded from the Unscheduled Maintenance.
- Larger storms are funded by ETI's storm reserves.

Section 25.96(f)(1)(B-E)

A summary of ETI's Vegetation Management Plan, which, at a minimum, includes the items under § 25.96(e) and follows the outline of this subsection:

Section 25.96(e)(1) tree pruning methodology, trimming clearances, and scheduling approach;

ETI has a comprehensive Vegetative Management Plan that covers tree pruning methodologies, pruning cycles, hazard tree identification and mitigation plans, and customer education and notification practices as explained in the following paragraphs.

ETI's distribution vegetation management program uses a multi-tiered approach to total ROW management in order to strive to provide safe and continuous electrical service to its customers and is recognized by the Arbor Day Foundation as a Tree Line USA utility. ETI employs six Operations Coordinators ("OCs") to oversee the vegetation management program in 12 regional zones. These subprograms include:

- Proactive (planned) Maintenance Program –

Also referred to as "cycle maintenance," this program is the backbone of ETI's Vegetation Management Plan. ETI assigns a tailored cycle-time (time between vegetation trims) to each feeder based on such factors as growth rates, type and density of side and floor vegetation, vegetation-related outage information, time from last maintenance trim, and other reliability metrics. Field inspections also play a vital role in cycle assignment and adjustment of maintenance activities. Target pruning cycles can range from two (2) to eight (8) years. Actual vegetation work is conducted by trained professional contractors using an Entergy-standard trimming specification that complies with the ANSI A300 (Part 1) Standard-2008 Revision. ETI inspects 100% of all proactive work performed annually. ETI's detailed Trim Specifications can be viewed in Appendix A. Below are ETI's Trim Specification Clearances:

Tree to Primary Wire Clearances – Below and Side Clearances			
Rate of Tree Growth	Urban (ft.)	Rural (ft.)	Example Tree Species
Slow	6	10	conifers, live oak, eastern red cedar, southern magnolia
Fast	10	15	sugarberry (hackberry), sweetgum, elm, water oak, sycamore, willow, Chinese tallow. pecan, maple, ash, hickory, black cherry

- **Reactive (unplanned) Maintenance Program –**

A reactive maintenance program is essential to address unplanned safety or reliability concerns affecting distribution lines in a timely fashion. ETI’s reactive maintenance program addresses customer requests for trimming, emergency situations, and other maintenance needs outside the annual trim plan. For tracking purposes, these work types are split into several categories: SR TRIM – Service Request from External Customer.

- Inspected by ETI service personnel for validity.
- Service personnel will trim if work can be completed within 30 minutes.
- SR VEGE – Service Request from External Customer that cannot be completed within 30 minutes by service personnel.
- SR VINT – Service request from internal customer such as service or network personnel.

- **Hazard Tree ID & Removal Program –**

In 2002, Entergy, on behalf of ETI and other Entergy operating companies, developed the Entergy system-standard Danger Tree Patrol Process. This guideline identifies the timeline for hazard tree patrols and the physical attributes Operations Coordinators will look for while conducting patrols:

1. Timeline

- Weekly– ETI maintains a weekly reliability analysis tool for Vegetation Management, allowing for fast response to increased hazard tree outages. In addition, ETI maintains a list of historically poor-performing distribution circuits for automatic annual inspection.
- April – Patrols begin on a per-circuit basis to coincide with leaf-out (the emergence of leaves on hardwood trees). Work is passed to contractors upon completion of each feeder patrol.
- June 30- All danger tree removals complete.

2. Criteria for Tree Removal

- Dead trees with overhang
- Dead trees straight up or leaning toward the line

- Trees with a lean toward the line
- Trees uprooting toward the line
- Trees in decline, diseased or decaying (e.g.: lighting, base rotting, or weakened)
- Broken limbs overhanging the line
- Bad crotch/Co-dominant stems that have branches overhanging the line or angle towards the line
- Dead branches on a live tree that overhangs the line
- Vines $\frac{3}{4}$ or more up the pole
- Trees that are in imminent danger (e.g.: within one or two working days) of falling into a conductor, use the reactive process discussed above

- “Skyline” Overhang Removal Program –

“Skylining” refers to the removal of any limb capable of falling or hinging down upon energized conductors. ETI uses skylining on a limited basis, primarily on the main trunk of feeders, to decrease the potential for outages on these high customer-count line segments. This work is usually conducted in conjunction with normal cycle maintenance but is also performed as needed reactively when conditions merit.

- Herbicide Application Program –

Operation Coordinators identify areas where vines are a recurring problem, create maps, and hand off to spray crews. Patrols begin in March and continue through the main part of the growing season as needed. In addition, ETI uses foliar and basal applications within the ROW to control woody species. The herbicide floor work is bid out yearly on a circuit-by-circuit base. Bids normally go out in Mid-April and work would commence by Late Spring/Early Summer.

Guidelines for Herbicide Treatment:

- A. All work will be performed according to federal, state and local regulations. All products must be used consistent with label.
- B. The contractor is responsible for all applications, record keeping, and disposal of containers.
- C. Herbicides are to be applied by qualified applicators. A qualified applicator is a person who has been trained regarding the product, its application methods, and meets all federal and state requirements.
- D. The use of herbicides to control undesirable vegetation is utilized as a means of making ETI’s vegetation management program more effective.
- E. The following application methods are approved for use on the ETI distribution system:
 1. High/Low Volume Foliar Applications
 2. Cut Stump Treatments
 3. Basal Applications

4. Soil Applications

- Tree Growth Regulator (“TGR”) Program – Using a basal drench application technique and customized chemical amounts per Diameter Breast Height (“DBH”) and tree species as specified by Utility Application Guide published by Rainbow Tree care Scientific Enhancements, ETI has concluded that the treatment cycle times can be safely increased without negatively affecting reliability in urban or otherwise maintained areas. This program is in the developmental stages. ETI uses the application specifications below for treatment candidates:

- Any woody species with DBH greater than eight inches capable of growing into overhead primary conductors
- Any woody species directly under the overhead conductors that have traditionally been “V” trimmed
- Any woody species with large structural branches directly under the overhead conductors where re-growth could impact the overhead conductors. Any woody species not fitting the above descriptions but deemed as good treatment candidates by Contractor are addressed with local designated company representative on a case-by-case basis.

Section 25.96(e)(2) methods used to mitigate threats posed by vegetation to applicable distribution assets;

Various methods are currently utilized by ETI to mitigate threats posed by vegetation. ETI’s Cycle-based maintenance program is the backbone of the Vegetation Management plan and a majority of the threats posed by vegetation are mitigated at the time the feeder is trimmed. ETI’s goal is to commence work on feeders prior to trees growing into the conductors. ETI realizes that its cycle-based maintenance program cannot mitigate every potential vegetation threat, so ETI also relies on its Distribution Line Groups and Internal and External Customers to inform the vegetation management group of threats posed by vegetation. This is ETI’s Reactive Program. Please refer to section (1) sub-section below titled Reactive (unplanned) Maintenance Program for additional information.

ETI requests that its external customers call 1-800-ENTERGY if they view potential vegetation issues. Entergy Customer Service Center (“CSC”) agents are the first point of contact for any customer with a tree concern. Being on the frontline gives the CSC agents excellent opportunities to inform customers about ETI’s Vegetation Management policies.

The CSC agents receive thousands of tree-related requests annually. For any call, the first goal of the CSC agent is to determine the nature of the request. Emergencies are immediately forwarded to the Distribution Operation Center (DOC) for dispatch.

Non-emergency requests go through a question-and-answer process to determine what the customer needs, and what ETI can provide. For all reasonable requests, the CSC agent creates either an SR TRIM for trimming related requests or an SR VEGE for tree

removal requests. All SR TRIMs go to the appropriate local service center for scheduling and inspection.

Servicemen are scheduled 30 minutes per each vegetation customer request. This time period includes inspection, some light trimming, and/or to inform the customer that their request is not something ETI can accommodate.

However, if the trimming is necessary but cannot be handled by the serviceman, he/she makes contact to inform the customer, and turns it over to Vegetation Management for completion.

Once an SR TRIM is turned over to Vegetation Management, it becomes an SR VEGE. All SR VEGEs are inspected by trained tree trimming contractors for validity and schedule the work accordingly.

ETI's tree trimming contractors are required to inspect, contact the customer, and complete all necessary work within a 10-business day commit timeframe.

Section 25.96(e)(3) tree risk management program;

ETI's goal is to improve and promote long term distribution reliability and safety at a minimum cost by reducing the number of defective trees that could fall into electrical distribution facilities. ETI's Vegetation Tree Risk Management program attempts to mitigate this threat by targeting:

- Dead trees with overhang
- Dead trees straight up or leaning toward the line
- Trees with a lean toward the line
- Trees uprooting toward the line
- Trees in decline, diseased or decaying (e.g.: lightning, base rotting, insect infestations or weakened)
- Broken limbs overhanging the line
- Bad crotch/Co-dominant stems that have branches overhanging the line or angle towards the line
- Dead branches on a live tree that overhangs the line
- Trees that are in imminent danger (e.g.: within one or two working days) of falling into a conductor, use the reactive process discussed above

Section 25.96(e)(4) participation in continuing education by the utility's internal vegetation management personnel;

ETI's management supports all Vegetation Management OC's in obtaining credentials that support the continued advancement of Integrated Vegetation Management ("IVM"). Examples of this include: Arborist Certification, Texas Department of Agriculture Pesticide Certification, Utility Arborist Certification, Texas Vegetation Management Association involvement, Tree Risk Assessment Qualifications, and other industry trade qualification or associated education.

Section 25.96(e)(5) estimate of the miles of circuits along which vegetation is to be trimmed or method for planning trimming work for the coming year;

Every circuit in the ETI has its own cycle. Cycles are calculated by determining

the voltage, the amount of clearance obtained from last trim cycle, the percentage of fast-growing tree species, Tree Species re-growth rates, vegetation-related outage information, other reliability metrics, and the last trim date. Target pruning cycles can range from two (2) to eight (8) years. Vegetation Personnel work with the state Vegetation Manager and line personnel to adjust cycles to maximize reliability and/or customer satisfaction. In 2020, ETI plans to trim approximately 2,195 Distribution Line Miles.

Section 25.96(e)(6) plan to remediate vegetation-caused issues on feeders which are on the worst vegetation-caused performing feeder list for the preceding calendar year's System Average Interruption Duration Index (SAIDI) and System Average Interruption Frequency Index (SAIFI); and

In the last Quarter of each year, ETI vegetation management will view all reliability data for the previous 12-month period on every ETI feeder. Through this process, ETI vegetation management will select the feeders that are responsible for fifty-percent (50%) of the Customer Interruptions (SAIFI) and Customer Minute durations (SAIDI). The feeders chosen from this selection process makes up the feeder list to be inspected. Each OC has from January to March to inspect these feeders and determine the work that needs to be completed. Once the inspection is done, the work is handed off to ETI contractors, who have until June to complete the identified work.

Section 25.96(e)(7) customer education, notification, and outreach practices related to vegetation management.

ETI utilizes a multi-tiered approach to customer contact and education with regard to Vegetation Management ("VM"), with the goal of keeping our customers informed. This includes:

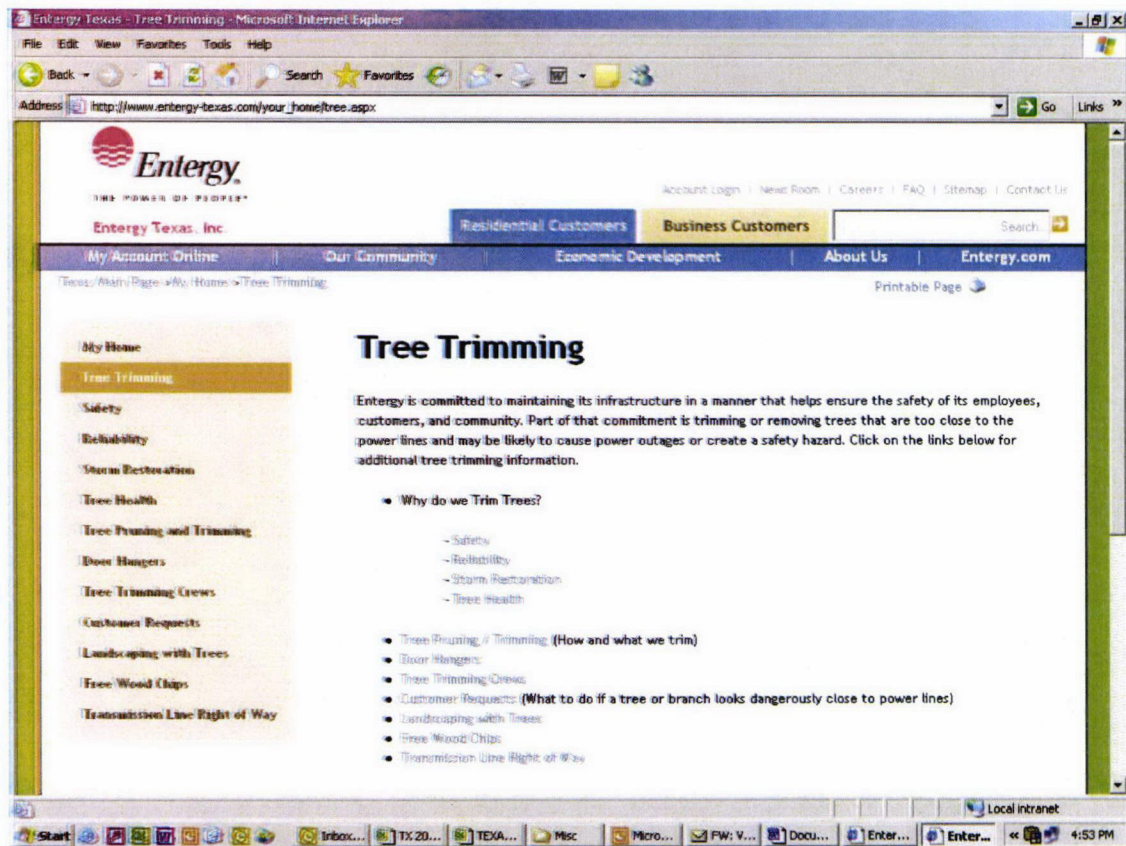
- A. Direct Customer (internal and external) Contact:
 - 1. VM personnel maintain a working plan for all maintenance work to be completed within a calendar year. As a project is queued to begin, the VM field operative informs internal customers of the work scope via email.
 - 2. Communications Specialists draft and circulate a news release with pertinent information in local newspapers and social media channels.
 - 3. VM utilizes its Predictive Dialer process which initiates a pre-recorded call to all customers in the area affected by maintenance trimming, utilizing contact information on their accounts.
 - 4. As the VM crews move into the work project area, they go door to door notifying customers of the impending work. If the customer is not at home, a "green" door hanger is left at the residence. A contact name and number is included on the card for customers with questions regarding their property.
 - 5. To the extent the VM crews were unable to complete the daily cleanup, the "orange" door hanger is used to let the customer know when they will return to complete the cleanup.
 - 6. For non-maintenance related customer concerns regarding vegetation, personal contact is attempted as well. However, if the customer cannot be contacted, the VM personnel still completes the site assessment and completes any work ETI is responsible for that can be completed at the time. If ETI needs to return another day for the work, the customer is notified s. If the customer is not at home, a red door card is used to inform them of the site

assessment and what has been done and/or needs to be completed, as well as who is responsible for completing the work.

7. During maintenance and non-maintenance customer visits, ETI VM personnel also use two booklets:

1. Best Management Practices Series – Utility Pruning of Trees
2. A tree planting guide created by Entergy entitled “What to Plant and Where to Plant it.” Both of these booklets are very helpful in educating the public.

B. Web-Based Communication: ETI maintains an extensive website to keep customers informed. This website can be viewed at: http://www.entergy-texas.com/your_home/tree.aspx.



Topics covered at this site include:

1. Tree trimming: The reasons ETI maintains the vegetation within and around the right of way (“ROW”), which includes safety, reliability, storm restoration, and tree health.
2. Door hangers: Allows customers to verify the door card on their door is an actual ETI approved door card.
3. Tree trimming crews: Discusses the tree trimming contractors ETI employs.
4. Customer requests: How to contact an ETI representative regarding a tree concern.

5. Landscaping with trees: A request to LOOK UP before you plant.
 6. Free wood chips: A great mulch alternative for free.
 7. Transmission Line Right of Way: Discusses ETI's transmission line obligations.
- C. Public Forum: ETI meets on a periodic basis with community leaders and public officials. The topics discussed in these meetings vary and will include vegetation management when appropriate.

Section 25.96(f)(2) implementation summary for the preceding calendar year (2019) including, at a minimum, a description of:

(A) whether the utility met its vegetation maintenance goals and how its goals have changed for the coming calendar year based on the results;

ETI met the goals listed on page 2 of this document. Goals set for the coming year will be based on the same measures.

(B) successes and challenges with the utility's strategy, including obstacles faced, such as property owner interference, and methods employed to overcome them;

Continued funding allowed beginning in 2017 for Hazard Tree work, was a proven success in improving reliability. Preplanning routine work alerts the property owners of upcoming work and mitigates many customer issues.

(C) the progress and obstacles to remediating issues on the vegetation-caused, worst performing feeders list as submitted in the preceding year's Report;

Removing historic levels of dead trees allowed a positive performance from the preceding year.

(D) the number of continuing education hours logged for the utility's internal vegetation management personnel, if applicable;

As stated on page 8 of this document, ETI's management supports all Vegetation Management OC's in obtaining credentials that support the continued advancement of IVM. Examples of this include but are not limited to: Arborist Certification, Texas Department of Agriculture Pesticide Certification, Utility Arborist Certification, Texas Vegetation Management Association involvement, Tree Risk Assessment Qualifications, and other industry trade qualification or associated education. ETI Vegetation personnel are 100% compliant on all mandated training and achieved 60.5 hours of continuing education hours in 2018.

(E) the amount of vegetation management work the utility accomplished to achieve its vegetation management goals described in paragraph (1)(A) of this subsection;

ETI completed 98% of the line miles planned in the 2019 cycle program. Reliability improved due to the removal of hazard trees, and needed reactive trimming on out of cycle vegetation due to early rainfall.

(F) the separate SAIDI and SAIFI scores for vegetation-caused interruptions for each month and as reported for the calendar year in its Service Quality Report filed pursuant to §25.52 of this title (relating to Reliability and Continuity of Service) and §25.81 of this title (relating to Service Quality Reports), at both the feeder and company level;

See Attachment A for SAIDI.

See Attachment B for SAIFI.

(G) the vegetation management budget, including, at a minimum:

(i) a single table with columns representing:

(I) the budget for each category and subcategory that the utility provided in the preceding year pursuant to paragraph (1)(I) of this subsection, with totals for each category and subcategory;

(II) the actual expenditures for each category and subcategory listed pursuant to subclause (I) of this clause, with totals for each category or subcategory;

(III) the percentage of actual expenditures over or under the budget for each category or subcategory listed pursuant to subclause (I) of this clause; and

(IV) the actual expenditures for the preceding reporting year for each category and subcategory listed pursuant to subclause (I) of this clause, with totals for each category or subcategory;

<u>Category</u>	<u>Subcategory</u>	<u>2019Actuals</u>	<u>2019Budget</u>	<u>% Variance (2019 Actuals vs Budget)</u>	<u>2020 Budget</u>
Scheduled	Proactive Cycle Trim	\$ 9,186,927	\$9,810,498	(6.3)	\$8,177,127
Unscheduled	Herbicide / Reactive	\$ 1,642,682	\$775,000	112	\$775,000
Unscheduled	Skyline/Hazard Tree	465,622	\$500,000	(6.3)	\$500,000
	TOTAL – Vegetation Management	\$11,295,231	11,085,498	1.9	\$9,452,127
Unscheduled	Contract Forester	\$0	\$0	N/A%	
	TOTAL – including other ETI Depts	11,295,231	11,085,498	1.9	\$9,452,127
Storm	Storm	\$2,763,293	\$0	N/A%	-
	GRAND TOTAL	14,058,524	11,085,498	27	\$9,452,127

(ii) an explanation of the variation from the preceding year's vegetation management budget where actual expenditures in any category or subcategory fell below 98 percent or increased above 110 percent of the budget for that category;

ETI budgets vegetation maintenance categories and subcategories based on historic expenditures and performance with the goal of maximizing the reliability provided by the overall, total vegetation budget. Each year presents different challenges (i.e. amount of rainfall) that require adjustments or shifts between categories and/or subcategories to address these challenges. However, the ultimate goal is providing a high level of reliability to our customers.

(iii) the total vegetation management expenditures divided by the number of electric points of delivery on the utility's system, excluding service drops;

$$\text{\$ } 14,058,524 - \text{\$ } 2,763,293 / 471,763 = \text{\$ } 23.94$$

(excludes storm reserves expenditures)

(iv) the total vegetation management expenditures, including expenditures from the storm reserve, divided by the number of customers the utility served; and

$$\text{\$ } 14,058,524 / 471,763 = \text{\$ } 29.80$$

(includes storm reserve expenditures)

(v) the vegetation management budget from the utility's last base-rate case.

ETI's 2013 base-rate case filing included \$5,956,880 for O&M distribution vegetation management.

Entergy Texas, Inc.

PROJECT NO. 41381 - §25.96. Vegetation Management

SAIDI scores for vegetation-caused interruptions by month at both the company and feeder level

Note: Results are for Distribution assets operating at less than 60 kV, for which ETI needs to perform vegetation maintenance. Thus results exclude substations, underground facilities, and service drops. Feeder list shows Distribution feeders on Texas System with 10 or more customers that had vegetation-caused interruptions.

ETI 2019 System Vegetation SAIDI												
Total Veg SAIDI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
40.8	2.7	1.2	1.0	4.2	7.0	6.5	4.6	2.2	1.4	6.1	3.4	0.6

ETI 2019 Feeder Vegetation SAIDI															
Substation Name	Feeder ID	Customers	Total Veg SAIDI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ADAMS BAYOU	330AD	155	4.7	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.9	0.0	0.0	0.0
ADAMS BAYOU	331AD	198	1.3	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0
ADAMS BAYOU	332AD	528	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
ALDEN	762AL	5725	23.7	0.0	0.0	1.0	0.2	6.2	2.6	0.0	1.2	0.0	0.0	12.4	0.0
ALDEN	763AL	739	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALDEN	764AL	1252	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALDEN	765AL	705	128.7	0.0	0.0	0.0	0.0	128.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALDEN	766AL	1662	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALDEN	767AL	2780	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALDEN	768AL	1533	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALDEN	769AL	1149	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ALDEN	770AL	1760	320.9	1.5	0.0	0.0	271.9	0.0	46.1	1.2	0.0	0.0	0.0	0.2	0.0
ALDEN	771AL	2157	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
AMELIA BULK	180AM	1427	2.1	0.0	1.7	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0
AMELIA BULK	181AM	2360	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.1	0.0	0.0
AMELIA BULK	182AM	1227	10.7	6.6	0.0	0.0	0.0	0.2	0.0	0.0	0.8	0.0	3.1	0.0	0.0
APOLLO	320AP	2123	57.3	1.9	0.0	1.3	1.0	35.0	2.6	0.0	0.0	0.0	9.2	0.0	6.4
APOLLO	321AP	1676	347.5	9.3	0.0	0.0	63.6	202.6	2.6	0.0	0.2	3.4	65.8	0.0	0.0
APRIL	590AP	1605	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
APRIL	591AP	1667	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
APRIL	592AP	1134	81.5	0.0	0.0	0.0	0.0	0.0	2.3	79.1	0.0	0.0	0.0	0.1	0.0
ARCHIE	45ARC	94	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ARCHIE	46ARC	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BATSON	53BAT	921	48.8	2.1	0.0	0.0	0.0	5.6	11.6	19.3	2.0	0.0	0.9	5.7	1.6
BAYOU FANNETT	250BY	327	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0
BAYSHORE	211BA	1060	6.4	0.0	0.0	0.0	0.0	1.1	1.2	0.0	0.0	2.2	0.0	1.7	0.2
BAYSHORE	212BA	49	2.2	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0
BAYSHORE	213BA	1781	87.5	0.0	0.0	0.0	0.1	2.8	75.1	0.3	0.2	8.6	0.1	0.0	0.2
BENTWATER	520BW	2163	98.2	21.8	0.0	0.0	0.0	0.1	3.6	0.0	50.8	0.0	14.4	1.6	6.0
BENTWATER	521BW	2103	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BENTWATER	522BW	732	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BEVIL	154BE	2505	6.4	0.0	0.0	0.3	1.2	0.0	0.0	0.0	3.9	0.0	0.4	0.6	0.0
BEVIL	155BE	3963	107.6	2.8	0.0	0.0	34.9	0.7	2.5	9.4	4.4	0.2	50.0	0.3	2.6
BEVIL	156BE	609	21.6	1.0	0.0	0.0	1.5	1.9	9.8	0.0	5.9	0.0	1.2	0.0	0.3
BLUE WATER	100BL	1631	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	1.5	0.0	0.0	0.0
BLUE WATER	101BL	1691	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0
BRIARCLIFF	30BRC	2402	104.4	0.0	0.0	0.3	0.0	2.4	9.9	88.1	0.8	0.0	2.9	0.0	0.0
BRIARCLIFF	31BRC	847	2.7	0.0	0.0	0.0	0.0	1.2	0.0	0.4	1.1	0.0	0.0	0.0	0.0
BRIARCLIFF	32BRC	1286	12.3	0.0	0.0	0.0	1.2	0.0	0.0	0.4	0.0	0.8	0.9	9.0	0.0
BRIARCLIFF	33BRC	301	5.7	0.0	0.0	0.0	0.0	1.5	0.0	2.4	0.0	0.0	1.7	0.0	0.0
BRIDGE CITY	360BD	1144	9.9	0.0	0.2	0.1	1.5	1.6	0.0	0.0	0.0	0.0	0.7	1.5	4.3
BRIDGE CITY	361BD	1128	15.0	0.0	10.0	0.0	0.0	0.0	0.3	0.2	4.4	0.0	0.0	0.0	0.0
BRIDGE CITY	362BD	1194	17.5	11.6	0.0	1.4	0.0	0.9	0.0	0.0	3.5	0.0	0.0	0.0	0.0
BRIDGE CITY	363BD	2192	7.1	0.0	0.0	0.5	0.9	0.2	2.6	1.0	0.2	1.2	0.6	0.0	0.0
BROOKS CREEK	270BC	49	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
CALDWELL INDUSTRIAL	138CI	741	19.1	0.0	0.0	0.0	0.0	5.1	13.5	0.0	0.0	0.0	0.0	0.0	0.4
CALVERT	4CAL	2193	20.5	0.0	0.0	0.0	13.7	6.2	0.4	0.1	0.0	0.0	0.1	0.0	0.0
CALVERT	6CAL	1599	7.4	0.2	0.0	0.0	1.8	0.0	0.6	2.6	0.1	0.0	2.0	0.0	0.0
CEDAR	698CE	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CENTRAL	130CE	739	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.2	0.0	0.0
CENTRAL	131CE	980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CENTRAL	132CE	1820	1.3	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	1.1	0.0	0.0	0.0
CENTRAL	133CE	1617	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.7	0.0	0.4
CHEEK	159CH	541	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHEEK	160CH	714	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHEEK	165CH	119	7.4	0.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHEEK	166CH	375	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CHINA BULK	92CHI	675	13.8	0.0	0.0	0.0	3.6	2.2	2.7	0.0	0.0	5.3	0.0	0.0	0.0
CHINA BULK	93CHI	1304	12.8	0.3	0.0	0.0	8.1	3.8	0.1	0.0	0.4	0.1	0.0	0.0	0.0
CLEVELAND	403CV	1505	30.9	1.2	0.0	0.0	0.0	0.9	0.0	12.0	0.1	0.5	15.7	0.4	0.0
CLEVELAND	404CV	1877	125.7	5.3	0.0	0.2	1.5	28.3	0.0	10.6	14.2	2.2	63.4	0.1	0.0
CLEVELAND	405CV	725	55.5	11.1	7.8	0.0	0.3	6.8	19.8	8.0	0.0	0.7	1.0	0.0	0.0
CLEVELAND	406CV	1803	40.7	0.0	0.0	0.0	4.8	0.1	0.0	27.8	4.8	0.0	0.3	2.9	0.0
CLEVELAND	425CV	4015	169.7	6.8	0.1	0.4	0.4	3.9	13.2	124.9	1.5	0.6	17.0	1.0	0.0
CLEVELAND	426CV	3068	87.5	17.2	0.0	0.0	0.8	5.2	2.5	14.7	0.7	8.0	1.6	35.8	1.0
CONAIR	511CN	1635	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.4	3.1	0.0
CONAIR	512CN	1232	21.8	0.0	0.0	8.0	0.0	0.0	0.5	0.0	0.9	0.0	0.4	12.1	0.0
CONAIR	513CN	1711	0.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
CONAIR	514CN	1218	35.5	0.2	0.0	0.0	0.0	0.0	0.0	1.5	16.8	0.0	16.7	0.0	0.4
CONAIR	515CN	829	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ETI 2019 Feeder Vegetation SAIDI															
Substation Name	Feeder ID	Customers	Total Veg SAIDI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
WYNTEX	633WT	604	14	00	00	00	00	00	00	00	00	00	00	14	00
WYNTEX	634WT	1323	62	00	00	00	41	00	02	13	00	06	00	00	00
YANKEE DOODLE	22YAN	2062	21	00	00	00	00	12	00	04	00	05	00	00	00
YANKEE DOODLE	23YAN	545	00	00	00	00	00	00	00	00	00	00	00	00	00
YANKEE DOODLE	24YAN	234	00	00	00	00	00	00	00	00	00	00	00	00	00
YANKEE DOODLE	25YAN	178	00	00	00	00	00	00	00	00	00	00	00	00	00
WOODVILLE (TX)	594WD	1195	00	00	00	00	00	00	00	00	00	00	00	00	00
WYNTEX	632WT	889	00	00	00	00	00	00	00	00	00	00	00	00	00
WYNTEX	633WT	875	00	00	00	00	00	00	00	00	00	00	00	00	00
WYNTEX	634WT	1317	00	00	00	00	00	00	00	00	00	00	00	00	00
YANKEE DOODLE	22YAN	2053	00	00	00	00	00	00	00	00	00	00	00	00	00
YANKEE DOODLE	23YAN	542	00	00	00	00	00	00	00	00	00	00	00	00	00
YANKEE DOODLE	24YAN	236	00	00	00	00	00	00	00	00	00	00	00	00	00
YANKEE DOODLE	25YAN	176	00	00	00	00	00	00	00	00	00	00	00	00	00

			ETI 2019 Feeder Vegetation SAIFI												
Substation Name	Feeder ID	Circuit Miles	Total Veg SAIFI	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
YANKEE DOODLE	25YAN	178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WOODVILLE (TX)	594WD	1195	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYNTEX	632WT	889	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYNTEX	633WT	875	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WYNTEX	634WT	1317	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YANKEE DOODLE	22YAN	2053	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YANKEE DOODLE	23YAN	542	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YANKEE DOODLE	24YAN	236	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
YANKEE DOODLE	25YAN	176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

The following files are not convertible:

A&B.xlsx	41381_74_ETI 2020 VM Report_Attachment
B ETI 2020 VEG SAIF SAIDI.xlsx	41381_77_ETI 2021 VM Report Attach A &

Please see the ZIP file for this Filing on the PUC Interchange in order to access these files.

Contact centralrecords@puc.texas.gov if you have any questions.



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Project No. 41381

In Compliance with 16 Texas Admin. Code § 25.96

Entergy Texas, Inc.
Vegetation Management Report
Planning Year 2021

April 29, 2021

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