TNMP VEGETATION MANAGEMENT SUMMARY REPORT
FOR THE YEAR ENDING DECEMBER 31, 2017

Pursuant to the requirements of 16 Tex. Admin Code § 25.96 (TAC), each utility is required to file annually on May 1st a report summarizing its vegetation management activities.

Plan Summary for calendar year ending December 31, 2017.

1. A. Summarize the vegetation management goals and the method the utility employs to measure its progress.

TNMP The goal of TNMP's vegetation management program is to provide safe and reliable transmission and distribution of electricity by controlling growth of non-compatible species and encouraging growth of compatible species under, on, or adjacent to its facilities, rights-of-way, or easements. This is accomplished through adherence to Integrated Vegetation Management principles, which include mechanical, chemical, and cultural methods of control. The vegetation management program minimizes tree-related interruptions, adheres to ANSI Z133.1 and A300 standards, and follows NESC Section 218. Other goals and objectives include: positive customer relations, adherence to all regulatory and legal requirements, continuous environmental improvement, and support of public and worker safety through maintenance of adequate clearances between conductors and vegetation.

TNMP monitors its progress through the analysis of tree-related outage data collected, customer satisfaction surveys, percent completion of planned work and regular site visits. TNMP monitors safety-related statistics to ensure work is being completed in a safe and efficient manner. TNMP utilizes vegetation management methods that are the most cost effective to ensure the best use of limited resources.

1. B. What are TNMP's trimming clearances and scheduling approach?

TNMP TNMP employs a vegetation management program that relies on trained arborists and dedicated Clearion Vegetation Management software to determine those circuits whose condition requires clearing. Currently, TNMP's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards from its easements and rights-of-way.

At current budgeted levels, TNMP uses a condition-based approach which allows the Company the most effective management of costs associated with these activities. The approach incorporates mowing, herbicide treatment, hazard tree removal and trimming while addressing hazard tree removal and tree-trimming based on site inspections and outage incidents.

TNMP's vegetation management program uses a system-wide, GIS-based software solution from Clearion Software to improve efficiency by interfacing the TNMP's facilities mapping system – Arc FM - to automate the vegetation management process and provide accurate record-keeping.

The Company monitors system reliability reports continually to reduce the recurrence of outages and to limit repeating worst performing circuits. Work plans remain flexible to permit schedule changes occasionally in response to need.

1. C. Summarize TNMP's plan to remediate vegetation-caused issues on feeders that are on the vegetation-caused worst performing feeder list for the previous calendar year's SAIDI and SAIFI.

TNMP TNMP will analyze a number of different criteria to determine the most efficient way to improve reliability. The Company will prioritize vegetation-caused worst performing feeders using SAIFI and SAIDI data. Each Regional Forester is responsible for analysis of that list and for addressing the worst performing vegetation-caused feeders each year. Other criteria for determining priority include customer count, outage locations, line patrols, customer tickets, protective device operations, and reactive work. Vegetation will be treated, pruned, or removed as needed to provide safe clearance from the overhead facilities and to limit those feeders from reappearing on the worst performing feeder list.

1. D. Summarize TNMP's tree risk management program.

TNMP TNMP utilizes a Level 1 Assessment as defined in ANSI A300 Part 9 section 93.4.2.1. The Company's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards on, and adjacent to, its easements and rights-of-way. This assessment takes place in conjunction with Scheduled Maintenance and therefore is not a separate budgeted line item.

1. E. Describe TNMP's approach to monitoring, preparing for, and responding to adverse environmental conditions such as drought and wildfire danger that may impact its vegetation management policies and practices.

TNMP Currently, TNMP does not have formalized plans for addressing adverse environmental conditions such as drought or wildfire danger. TNMP's contractors are made aware of high fire danger times such as red flag warning days and take precautions such as no smoking outside vehicles, avoid parking/driving in areas of high grass, and may use spark arrestors, when appropriate.

1. F. Please provide the total overhead distribution miles in TNMP's system,

excluding service drops.

TNMP As of December 31, 2017, TNMP owns 7,119 pole miles of overhead distribution lines within its service territory.

1. G. Please provide the total number of electric points of delivery in TNMP's system.

TNMP As of December 31, 2017, TNMP has 250,468 points of delivery.

1. H. Summarize the total amount of vegetation-related work TNMP plans to accomplish in the current calendar year to achieve the goals described in "A" above.

TNMP Please see attached spreadsheet named

TNMP 2018 Work Plan

marked **Exhibit A.**

1. I. Please provide TNMP's vegetation management budget, divided into the categories Scheduled Maintenance, Unscheduled Maintenance, Tree Risk Management, and Emergency and Post-Storm Activities.

TNMP Please see attached spreadsheet named

TNMP 2018 Budget Breakdown 16 TAC § 25.96

marked **Exhibit B.**

Section 2 Implementation Summary for calendar year 2017.

2. A. Please summarize whether TNMP met its 2017 vegetation maintenance goals and how those goals have changed for calendar 2018 based on the results.

TNMP Due to multiple severe weather events, including Hurricane Harvey response, TNMP deferred some of the 2017 work plan to 2018, as defined in 1.A.

The total vegetation caused SAIDI for TNMP in 2017 was 23.90, as compared to 18.65 in 2016, a decrease in reliability of 22%. This result and other recent experience has led to consideration of a larger shift in TNMP vegetation management activity toward a more cyclical approach, discussed below. Meanwhile, preventative maintenance does provide positive results related to improvements in system reliability and TNMP will continue the focus of resources in this direction in calendar 2018.

2. B. Describe TNMP's successes and challenges with its vegetation maintenance strategy, including obstacles faced, such as property owner interference, and methods employed to overcome them.

TNMP Success at TNMP is measured in several ways. The continued implementation of Integrated Vegetation Management principles in TNMP's program has led to a conversion in many parts of the service territory from uncontrolled growth of incompatible species to the existence of compatible species along the easements and rights-of-way. Despite this fact, there is a negative trend in reliability in recent years which indicates that the level of program activity has been challenged to meet the vegetation management requirements of TNMP's service area. While SAIDI levels remain above average, TNMP is seeing reliability due to tree-related interrruptions worsen. In an effort to reverse this, and to provide for more sustained improvement over time, TNMP plans to submit a request in its general rate case to be filed later this month to increase the funding of its vegetation management program. This will allow the company to transition toward a cyclical vegetation management program, which will help TNMP achieve improvements in tree-related reliability. TNMP, if successful, will implement a multi-year cyclical vegetation management program to stem the negative trend and improve reliability for its customers.

Reactive work provides challenges when adhering to a preventative maintenance work plan. In 2017, TNMP continued its progress in moving away from a generally reactive program to focus on more preventative maintenance work. Work requests received and worked from both external and internal customers were maintained at 37% of all work in 2017, compared with 26% in 2016. TNMP Vegetation Management Department employees work diligently with internal company personnel and individual customers to further limit the number of reactive requests worked. The amount of reactive work completed will decrease over time if and when a cyclical vegetation management program is implemented, thus ensuring the best use of the dollars allocated to the program. Reactive work can be 2 to 3 times more expensive than preventative work.

2. C. Describe the progress and obstacles encountered in remediating issues on the vegetation-caused, worst performing feeders list, as submitted in the 2016 Report.

TNMP TNMP has been more critical in evaluating requests from internal and external customers regarding reactive tree work. Due to historical practices of responding to many of those requests, there is an obstacle to overcome in trying to reframe the focus of the program from one of generally reactive to primarily preventative.

TNMP saw a decrease in its ability to limit reactive ticket work at 37% (2017) versus 26% (2016) mainly due to the increase in emergency response requests,

particularly during and after Hurricane Harvey. TNMP's work plan in 2018 will continue to focus on reducing the percentage of reactive work performed.

2. D. Provide the number of continuing education hours logged for TNMP's internal vegetation management personnel, if applicable.

TNMP Texas Department of Agriculture - Herbicide license: **15** hours.

International Society of Arboriculture – Certified Arborist: **22.5** hours.

2. E. Provide the amount of vegetation management work TNMP accomplished to achieve it vegetation management goals as described in Para. (1)(A).

TNMP Please see attached spreadsheet named

TNMP 2017 Work Plan marked **Exhibit C.**

2. F. Provide the separate SAIDI and SAIFI scores for vegetation-caused interruptions for each month and as reported for 2017 in the Service Quality Report (Docket 47294) at both the feeder and company level.

TNMP Please see attached spreadsheet named

TNMP 2017 Vegetation Caused Outages Summary

marked **Exhibit D.**

2. G. Provide the Budget, including:

i) A single table with the columns representing:

I) The budget for each category & subcategory listed in 1. I. that TNMP provided in preceding year (2015) pursuant to clause (1)(I), with totals for each category and subcategory;

II) The actual expenditures (2016) for each category and subcategory listed in 1. I., with totals for each category & subcategory;

III) The percentage of actual expenditures over/under the budget for each category or subcategory listed in 1. I.; and,

IV) The actual expenditures for preceding reporting year for each category and subcategory listed in 1. I., with totals for each category and subcategory;

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

category;

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

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

v) **The vegetation management budget from TNMP's last base-rate case. (Docket 38480)**

TNMP Please see attached spreadsheet named

TNMP 2017 Budget Summary 16 TAC § 25.96

marked **Exhibit E.**

2018 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Completed	Worst Performer?	Comments/Progress
North Texas					
	Lewisville				
1st	LW1109	5.8	5.26		carry over form 2017
1st	LW1235	6.01	5.19		carry over form 2017
1st	LW1103	13.73	13.07		carry over form 2017
1st-3rd	LW1108	7.09	0		PM - entire circuit
	Nocona				
4th	NC13374	82.9		yes	Hotspot - PUCT 10%
	Trenton				
1st	Frontier 4236	8.47	1.57	storm outages	Hotspot - PUCT 10%
	Deport				
1st-4th	BG2203	78.57	18.50	yes	carry over from 2017 - PUCT top 50%
2nd-3rd	BG2252	80.00	40.00	yes	40 Miles to be completed on bid work (Bogata to Johntown) - PUCT top 50%
	Pilot Point				
1st-4th	PL2608	63.54	0.00	yes	PM - entire circuit
	Total North TX	**346.11**	**83.59**		

8

EXHIBIT A

2018 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Completed	Worst Performer?	Comments/Progress
Central Texas					
	Glen Rose				
4th quarter	GR22300	79.29	19.26	yes	Also on PUCT 10% WPF list. Main feeder completed Feb - will come back and work some taps later.
	Thurber				
1st quarter	SR1447	14.30	14.30	yes	Main feeder and in-town Mingus completed in Dec 2016/Jan 2017
	Valley Mills				
3rd quarter	VL22575	75.87	14.13	no	PUCT 10% WPF list. Main feeder completed in March. Will come back later and work in-town Crawford and taps with most customers.
	Walnut Springs				
2nd quarter	MR2210	47.34	10.50	no	PUCT 10% WPF list. Currently working main feeder and then will come back and work in-town Iredell and Hico.
		47.34	10.50		
	Total Central TX	**216.80**	**58.19**		
West Texas					
					No Preventative Maintenance Scheduled in 2018

6

2018 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Completed	Worst Performer?	Comments/Progress
Gulf Coast					
	Mainland				
Dickinson	Dickinson 1279	34.33	0	0%	Complete Circuit Trim
	Dickinson 1272	21.53	0	0%	Hot Spot Trim - Tree Outage Worst Performer
Texas City	Northside 1294	9.93	0	0%	Hot Spot Trim
	La Marque 1202	14.54	0	0%	Hot Spot Trim
	La Marque 1203	11.46	0	0%	Hot Spot Trim - Tree Outage Worst Performer
	Tejas 1217	16.74	0	0%	Hot Spot Trim
	Tejas 1215	14.38	0	0%	Hot Spot Trim
	Total Mainland	**122.91**	**0**	**0%**	
	Bay Area				
Friendswood	Magnolia 1145	2.59	0	0%	Complete Circuit Trim
	Friendswood 1108	19.17	0	0%	Hot Spot Trim - Tree Outage Worst Performer
Alvin	Alvin 1117	44.16	0	0%	Hot Spot Trim
	Alvin 1259	10.5	0	0%	Hot Spot Trim
	Alvin 1257	49.67	0	0%	Complete Circuit Trim
	Total Bay Area	**126.09**	**0**	**0%**	
	Brazos				
Angleton	Angleton 1244	71.48	20	28%	Complete Circuit Trim - Trimming started Dec-17.
	Angleton 1240	42.65	0	0%	Hot Spot Trim
West Columbia	W. Columbia 1234	25.9	0	0%	Hot Spot Trim
	W. Columbia 1233	35.18	0	0%	Hot Spot Trim - Tree Outage Worst Performer
	Total Brazos	**175.21**	**20**	**28%**	
	TOTAL TNMP Scheduled Miles	**987.12**	**161.78**	**825.34**	

10

TNMP 2017 Budget Breakdown 16 TAC § 25.96

2018 O&M TREE TRIMMING BUDGET vs. ACTUAL

BUDGET - TNMP Total

BUSINESS UNIT	CT 376-AOP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$2,795,626	$214,908	$203,572	$236,752	$232,514	$250,289	$243,404	$239,399	$250,289	$225,628	$257,174	$222,906	$218,794	$2,795,626
Unscheduled Maintenance	$1,263,239	$122,825	$116,285	$95,381	$100,453	$108,765	$106,346	$102,902	$108,765	$98,064	$111,185	$96,598	$95,671	$1,263,239
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	**$4,058,866**	**$337,733**	**$319,856**	**$332,133**	**$332,967**	**$359,054**	**$349,750**	**$342,301**	**$359,054**	**$323,692**	**$368,359**	**$319,504**	**$314,465**	**$4,058,866**

ACTUAL - TNMP Total

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$549,756	$185,239	$158,038	$206,479	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$549,756**
Unscheduled Maintenance	$289,235	$109,376	$131,589	$48,270	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$289,235**
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	**$0**
Emergency/Post Storm	$195,000	$0	$0	$0	$0	$0	$0	$0	$0	$195,000	$0	$0	$0	**$195,000**
TOTALS	**$1,033,991**	**$294,615**	**$289,627**	**$254,749**	**$0**	**$0**	**$0**	**$0**	**$0**	**$195,000**	**$0**	**$0**	**$0**	**$1,033,991**

VARIANCE - TNMP Total

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	($2,245,870)	($29,669)	($45,534)	($30,273)	($232,514)	($250,289)	($243,404)	($239,399)	($250,289)	($225,628)	($257,174)	($222,906)	($218,794)	**($2,245,870)**
Unscheduled Maintenance	($974,004)	($13,449)	$15,304	($47,111)	($100,453)	($108,765)	($106,346)	($102,902)	($108,765)	($98,064)	($111,185)	($96,598)	($95,671)	**($974,004)**
Tree Risk Management	$0	$0	$0	$0										**$0**
Emergency/Post Storm	$0	$0	$0	$0										**$0**
TOTALS	**($3,219,875)**	**($43,118)**	**($30,229)**	**($77,384)**	**($332,967)**	**($359,054)**	**($349,750)**	**($342,301)**	**($359,054)**	**($323,692)**	**($368,359)**	**($319,504)**	**($314,465)**	**($3,219,875)**
		-13%	-9%	-23%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-79%

2018 O&M TREETRIMMING BUDGET vs. ACTUALS

Budget - North TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$811,779	$50,982	$50,982	$50,982	$73,204	$73,204	$73,204	$73,204	$73,204	$73,204	$73,204	$73,204	$73,205	$811,779
Unscheduled Maintenance	$405,890	$25,491	$25,491	$25,491	$36,602	$36,602	$36,602	$36,602	$36,602	$36,602	$36,602	$36,602	$36,602	$405,890
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	$1,217,669	$76,472	$76,472	$76,472	$109,806	$109,806	$109,806	$109,806	$109,806	$109,806	$109,806	$109,806	$109,807	$1,217,669

Actual - North TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$153,432	$65,790	$36,254	$51,388										$153,432
Unscheduled Maintenance	$99,369	$40,447	$58,922											$99,369
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	$252,801	$106,237	$95,176	$51,388	$0	$0	$0	$0	$0	$0	$0	$0	$0	$252,801

Variances - North TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	($658,347)	$14,809	($14,728)	$407	($73,204)	($73,204)	($73,204)	($73,204)	($73,204)	($73,204)	($73,204)	($73,204)	($73,205)	($658,347)
Unscheduled Maintenance	($306,521)	$14,956	$33,431	($25,491)	($36,602)	($36,602)	($36,602)	($36,602)	($36,602)	($36,602)	($36,602)	($36,602)	($36,602)	($306,521)
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	($964,868)	$29,765	$18,704	($25,084)	($109,806)	($109,806)	($109,806)	($109,806)	($109,806)	($109,806)	($109,806)	($109,806)	($109,807)	($964,868)
		39%	24%	-33%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-79%

2017 O&M TREETRIMMING BUDGET vs. ACTUALS

Budget - Central/West TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$643,287	$33,506	$35,607	$51,803	$42,258	$53,148	$53,148	$42,258	$53,148	$42,258	$53,148	$39,536	$42,308	$542,126
Unscheduled Maintenance	$300,000	$51,512	$49,692	$22,820	$22,725	$28,618	$28,618	$22,755	$28,618	$22,755	$28,618	$21,289	$22,781	$350,801
Tree Risk Management	$0													$0
Emergency/Post Storm	$0													$0
TOTALS	$943,287	$85,018	$85,299	$74,623	$64,983	$81,766	$81,766	$65,013	$81,766	$65,013	$81,766	$60,825	$65,089	$892,927

Actual - Central/West TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$120,916	$33,506	$35,607	$51,803	$0	$0	$0	$0	$0	$0	$0	$0	$0	$120,916
Unscheduled Maintenance	$124,024	$51,512	$49,692	$22,820	$0	$0	$0	$0	$0	$0	$0	$0	$0	$124,024
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	$244,940	$85,018	$85,299	$74,623	$0	$0	$0	$0	$0	$0	$0	$0	$0	$244,940
														FAV

Variance - Central/West TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	($421,210)	($0)	($0)	$0	($42,258)	($53,148)	($53,148)	($42,258)	($53,148)	($42,258)	($53,148)	($39,536)	($42,308)	($421,210)
Unscheduled Maintenance	($226,777)	$0	$0	($0)	($22,725)	($28,618)	($28,618)	($22,755)	($28,618)	($22,755)	($28,618)	($21,289)	($22,781)	($226,777)
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	($647,987)	($0)	$0	$0	($64,983)	($81,766)	($81,766)	($65,013)	($81,766)	($65,013)	($81,766)	($60,825)	($65,089)	($647,987)
		0%	0%	0%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-73%

2018 O&M TREETRIMMING BUDGET vs. ACTUALS

Budget - Gulf Coast

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$1,441,721	$130,420	$116,983	$133,968	$117,052	$123,937	$117,052	$123,937	$123,937	$110,166	$130,822	$110,166	$103,281	$1,441,721
Unscheduled Maintenance	$506,549	$45,823	$41,102	$47,070	$41,126	$43,545	$41,126	$43,545	$43,545	$38,707	$45,965	$38,707	$36,288	$506,549
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	$1,948,270	$176,243	$158,085	$181,038	$158,178	$167,482	$158,178	$167,482	$167,482	$148,873	$176,787	$148,873	$139,569	$1,948,270

FAV

Actual - Gulf Coast

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$275,408	$85,943	$86,177	$103,288	$0	$0	$0	$0	$0	$0	$0	$0	$0	$275,408
Unscheduled Maintenance	$65,842	$17,417	$22,975	$25,450	$0	$0	$0	$0	$0	$0	$0	$0	$0	$65,842
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$195,000	$0	$0	$0	$195,000
TOTALS	$341,250	$103,360	$109,152	$128,738	$0	$0	$0	$0	$0	$195,000	$0	$0	$0	$536,250

FAV

Variance - Gulf Coast

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	($1,166,313)	($44,477)	($30,806)	($30,680)	($117,052)	($123,937)	($117,052)	($123,937)	($123,937)	($110,166)	($130,822)	($110,166)	($103,281)	($1,166,313)
Unscheduled Maintenance	($440,707)	($28,406)	($18,127)	($21,620)	($41,126)	($43,545)	($41,126)	($43,545)	($43,545)	($38,707)	($45,965)	($38,707)	($36,288)	($440,707)
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$195,000	$0	$0	$0	$0	$0	$0	$0	$0	$195,000	$0	$0	$0	$195,000
TOTALS	($1,412,020)	($72,883)	($48,933)	($52,300)	($158,178)	($167,482)	($158,178)	($167,482)	($167,482)	$46,127	($176,787)	($148,873)	($139,569)	($1,412,020)
		-41%	-31%	-29%	-100%	-100%	-100%	-100%	-100%	31%	-100%	-100%	-100%	-72%

2017 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Complete	Worst Performer?	Comments/Progress
North Texas					
Lewisville					
1st quarter	LW1433	9.86	9.86		complete
3rd quarter	LW1109	5.78	5.78		hotspot
4th quarter	LW1033	4.88	4.88	yes	complete
	Lewisville Total	**20.52**	**20.52**		
North Texas					
Princeton					
1st to 3rd quarter	PI22110	29.78	29.78	yes	complete
Whitewright					
2nd to 3rd quarter	WW12575	31.21	31.21	yes	complete
3rd to 4th quarter	WW12574	29.26	29.26	no	carry over to 2017
Pilot Point					
4th quarter	PL2608	64	0	no	deferred to 2018
Deport					
1st - 4th quarter	BG22164	35.35	35.35	yes	10.67 miles to carry over to 2017
3rd to 4th quarter	BG2252	40	40	yes	40 miles complete . 40 miles to be completed on bid work in 2018
	North TX Total	**250.12**	**186.12**		

2017 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Complete	Worst Performer?	Comments/Progress
Central Texas					
	Central Texas				
Glen Rose					
4th quarter	GR22300	79.3	79.3	Yes	Circuit Hot-spotted. Completed in Q4. Spent $286,075.16
Thurber					
1st quarter	SR1447	14.3	22.1	Yes	Spent $128,092.80 Hot spotting main feeder completed in Q1. Spent additional $229,596.00 reclaiming 7.78 miles of main feeder in Q3-Q4.
Valley Mills					
3rd quarter	VL22575	75.9	75.9	No	Hot-spotted main feeder and major taps. Completed in Q3. Spent $36,934.90. PM was done on this circuit in 2015, so not many problems in 2017.
Walnut Springs					
2nd quarter	MR2210	47.34	47.34	No	Hot spotted main feeder and major taps. Completed in Q2. Spent $146,519.65.
	Total Central TX	**216.80**	**224.58**		
West Texas					
	No Work Scheduled				

Scheduled	Feeder	Mileage	Mileage Complete	Worst Performer?	Comments/Progress
Gulf Coast					
	Mainland				
Dickinson					
	DC: 1279	24.73	24.73	Yes	Hot Spot Trim - Completed Dec-17

2017 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Complete	Worst Performer?	Comments/Progress
Gulf Coast, cont.					
Texas City					
	TC: 1297	11.04	11.04	Yes	Hot Spot Trim - Completed Dec-17
	TC: 1204	27.98	23.78	Yes	Complete Trim - Trimming started in Nov-17. Will be completed in May-18.
	TC: 1214	5.13	5.13	Yes	Hot Spot Trim - Completed Dec-17
	TC: 1295	27.81	27.81	Yes	Hot Spot Trim - Completed Dec-17
	Total Mainland	**96.69**	**92.49**		
	Bay Area				
Friendswood					
	FI: 1107	7.73	7.73	Yes	Complete Trim - Trimming started Feb-17. Trimming completed Oct-17
	FI: 1252	18.23	18.23	Yes	Complete Trim - Trimming started Oct-17. Completed Feb-18.
	FI: 1148	13.22	13.22	No	Hot Spot Trim - Completed Oct-17.
Alvin					
	AL: 1231	20.69	20.69	No	Hot Spot Trim - Completed Oct-17.
	AL: 1232	12.25	12.25	No	Hot Spot Trim - Completed Oct-17.
	Total Bay Area	**72.12**	**72.12**		
	Brazos				
Angleton					
	AG: 1153	26.04	26.04	No	Hot Spot Trim - Completed Oct-17.
Sweeney					
	SW: 1264	52.1	52.1	Yes	Complete Trim - Trimming started in Jan-17. Completed Nov-17.
	SW: 1263	7.86	7.86	No	Hot Spot Trim - Trimming completed in Dec-17.
	SW: 1129	33.63	33.63	No	Hot Spot Trim - Trimming completed in Dec-17.
	Total Brazos	**119.63**	**119.63**		
	Total Gulf Coast	**288.44**	**284.24**		
	Total TNMP	**755.36**	**694.94**		

EXHIBIT D

TNMP

TEXAS-NEW MEXICO POWER COMPANY
2017 VEGETATION CAUSED OUTAGES

FORCED SYSTEM SAIDI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
23.5241	1.2627	0.1381	2.8255	1.7880	2.3307	2.5965	5.0255	2.7520	0.1973	2.0665	0.6883	1.8530

FORCED SYSTEM SAIFI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.2286	0.0163	0.0013	0.0176	0.0151	0.0245	0.0284	0.0416	0.0347	0.0032	0.0139	0.0078	0.0241

EXHIBIT E

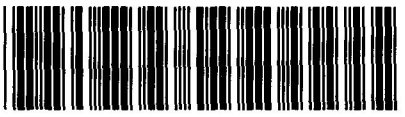
TNMP 2017 Budget Summary 16 TAC § 25.96

(reported last year)

	(G)(i)(I)	(G)(i)(II)	(G)(i)(III)	(G)(i)(IV)	(G)(ii)	(G)(iii)	(G)(iv)	(G)(v)
	BUDGET (2017)	ACTUAL (2017)	PERCENT OF BUDGET	ACTUAL EXPENDITURES FOR PRECEDING REPORTING YEAR (2016)	Explanation for below 98% or greater than 110%	Expenditures/# Points of Delivery[1]	Expenditures/# Customers Served[1]	Budget from TNMP's Last Base-Rate Case[2]
Schedule Maintenance	$ 2,760,726.00	$ 2,776,296.00	100.56%	$ 2,323,231.00	n/a	$ 11.08	$11.32	$ 3,881,000.00
Unscheduled Mainenance	$ 952,969.00	$ 1,462,415.00	153.46%	$ 717,842.00	Greater than expected response to emergency work.	$ 5.84	$5.96	$ -
Tree Risk Management	$ -	$ -	0.00%	$ -			-	$ -
Emergency/ Post Storm	$ -	$ 195,000.00	0.00%	$ 42,203.00	Storm response greater than anticipated due to extreme weather.	$ 0.78	$0.79	$ -
Total	$ 3,713,695.00	$ 4,433,711.00	119.39%	$ 3,083,276.00		$ 17.70	$18.08	$ 3,881,000.00

[1] TNMP reports the expenditures per number of ultimate end-use customers (245,291) which is the same number reported in the Earnings Monitoring Report pursuant to §25.73(b)

[2] This number represents the test year expenditures reported in TNMP's last base rate case, PUC Docket 38480.



Control Number: 41381

Item Number: 60

Addendum StartPage: 0

PROJECT 41381

ANNUAL VEGETATION MANAGEMENT PLANS AND REPORTS PURSUANT TO 16 TX. ADMIN. CODE § 25.96 (TAC)	§ § § § § § §	**THE PUBLIC UTILITY COMMISSION OF TEXAS**

TEXAS-NEW MEXICO POWER COMPANY'S VEGETATION MANAGEMENT REPORT AND PLAN

COMES NOW Texas-New Mexico Power Company (TNMP or Company) and files the Annual Report required by 16 TAC § 25.96 with regard to TNMP's activities related to Vegetation Management.

I hereby certify that the Annual Vegetation Management Report for TNMP has been prepared under my direction and that the information included therein is correct and accurate to my best knowledge, information, and experience.

Date: April 29, 2019

Respectfully submitted,

Evans Spanos
Vice President, Operations

TEXAS-NEW MEXICO POWER
577 N. Garden Ridge Blvd.
Lewisville, TX 75067
Tel: (214) 222-4120
Fax: (214) 222-4156

TNMP VEGETATION MANAGEMENT SUMMARY REPORT
FOR THE YEAR ENDING DECEMBER 31, 2018

Pursuant to the requirements of 16 Tex. Admin Code § 25.96 (TAC), each utility is required to file annually on May 1st a report summarizing its vegetation management activities.

Plan Summary for calendar year ending December 31, 2018.

1. A. Summarize the vegetation management goals and the method the utility employs to measure its progress.

TNMP The goal of TNMP's vegetation management program is to provide safe and reliable transmission and distribution of electricity by controlling growth of non-compatible species and encouraging growth of compatible species under, on, or adjacent to its facilities, rights-of-way, or easements. This is accomplished through adherence to Integrated Vegetation Management principles, which include mechanical, chemical, and cultural methods of control. The vegetation management program minimizes tree-related interruptions, adheres to ANSI Z133.1 and A300 standards, and follows NESC Section 218. Other goals and objectives include: positive customer relations, adherence to all regulatory and legal requirements, continuous environmental improvement, and support of public and worker safety through maintenance of adequate clearances between conductors and vegetation.

TNMP monitors its progress through the analysis of tree-related outage data collected, customer satisfaction surveys, percent completion of planned work and regular site visits. TNMP monitors safety-related statistics to ensure work is being completed in a safe and efficient manner. TNMP utilizes vegetation management methods that are the most cost effective to ensure the best use of limited resources.

1. B. What are TNMP's trimming clearances and scheduling approach?

TNMP TNMP employs a vegetation management program that relies on trained arborists and dedicated Clearion Vegetation Management software to determine those circuits whose condition requires clearing. Currently, TNMP's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards from its easements and rights-of-way.

At current budgeted levels, TNMP uses a condition-based approach which allows the Company the most effective management of costs associated with these activities. The approach incorporates mowing, herbicide treatment, hazard tree removal and trimming while addressing hazard tree removal and tree-trimming based on site inspections and outage incidents.

TNMP's vegetation management program uses a system-wide, GIS-based software solution from Clearion Software to improve efficiency by interfacing the TNMP's facilities mapping system – ArcFM - to automate the vegetation management process and provide accurate record-keeping.

The Company monitors system reliability reports continually to reduce the recurrence of outages and to limit repeating worst performing circuits. Work plans remain flexible to permit schedule changes occasionally in response to need.

1. C. Summarize TNMP's plan to remediate vegetation-caused issues on feeders that are on the vegetation-caused worst performing feeder list for the previous calendar year's SAIDI and SAIFI.

TNMP TNMP will analyze a number of different criteria to determine the most efficient way to improve reliability. The Company will prioritize vegetation-caused worst performing feeders using SAIFI and SAIDI data. Each Regional Forester is responsible for analysis of that list and for addressing the worst performing vegetation-caused feeders each year. Other criteria for determining priority include customer count, outage locations, line patrols, customer tickets, protective device operations, and reactive work. Vegetation will be treated, pruned, or removed as needed to provide safe clearance from the overhead facilities and to limit those feeders from reappearing on the worst performing feeder list.

1. D. Summarize TNMP's tree risk management program.

TNMP TNMP utilizes a Level 1 Assessment as defined in ANSI A300 Part 9 section 93.4.2.1. The Company's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards on, and adjacent to, its easements and rights-of-way. This assessment takes place in conjunction with Scheduled Maintenance and therefore is not a separate budgeted line item.

1. E. Describe TNMP's approach to monitoring, preparing for, and responding to adverse environmental conditions such as drought and wildfire danger that may impact its vegetation management policies and practices.

TNMP Currently, TNMP does not have formalized plans for addressing adverse environmental conditions such as drought or wildfire danger. TNMP's contractors monitor high fire danger declarations such as red flag warning days and take precautions such as no smoking outside vehicles, avoid parking/driving in areas of high grass, and may use spark arrestors, when appropriate.

1. F. Please provide the total overhead distribution miles in TNMP's system, excluding service drops.

TNMP As of December 31, 2018, TNMP owns 7151 pole miles of overhead distribution lines within its service territory.

1. G. Please provide the total number of electric points of delivery in TNMP's system.

TNMP As of December 31, 2018, TNMP has 253,216 points of delivery.

1. H. Summarize the total amount of vegetation-related work TNMP plans to accomplish in the current calendar year to achieve the goals described in "A" above.

TNMP Please see attached spreadsheet named

TNMP 2019 Work Plan

marked **Exhibit A.**

1. I. Please provide TNMP's vegetation management budget, divided into the categories Scheduled Maintenance, Unscheduled Maintenance, Tree Risk Management, and Emergency and Post-Storm Activities.

TNMP Please see attached spreadsheet named

TNMP 2019 Budget Breakdown 16 TAC § 25.96

marked **Exhibit B.**

Section 2 Implementation Summary for calendar year 2018.

2. A. Please summarize whether TNMP met its 2018 vegetation maintenance goals and how those goals have changed for calendar 2019 based on the results.

TNMP Due to wetter than normal weather events, TNMP deferred some of the 2018 work plan to 2019, as defined in 1.A.

The total vegetation caused SAIDI for TNMP in 2018 was 17.40, as compared to 23.90 in 2017, an improvement in reliability of approximately 37%. This result and other recent experiences can be attributed to a larger shift in TNMP vegetation management activity toward a more cyclical approach, discussed below. Preventative maintenance does provide positive results related to improvements in system reliability and TNMP will continue the focus of resources in this direction in calendar 2019.

2. B. Describe TNMP's successes and challenges with its vegetation maintenance strategy, including obstacles faced, such as property owner interference, and methods employed to overcome them.

TNMP Success at TNMP is measured in several ways. The continued implementation of Integrated Vegetation Management principles in TNMP's program has led to a conversion in many parts of the service territory from uncontrolled growth of incompatible species to the existence of compatible species along the easements and rights-of-way. In an effort to maintain the favorable trend in reliability, and to provide for more sustained improvement over time, TNMP plans to continue to transition toward a more preventative vegetation management program, which will help TNMP achieve improvements in tree-related reliability.

Reactive work provides challenges when adhering to a preventative maintenance work plan. In 2018, TNMP continued its efforts to move away from a generally reactive program to focus on more preventative maintenance work. Work requests received and worked from both external and internal customers were maintained at 37% of all work in 2018, as was the case in 2017. TNMP Vegetation Management Department employees work diligently with internal company personnel and individual customers to further limit the number of reactive requests worked. The amount of reactive work completed will decrease over time if and when a cyclical vegetation management program is implemented, thus ensuring the best use of the dollars allocated to the program. Reactive work can be 2 to 3 times more expensive than preventative work.

2. C. Describe the progress and obstacles encountered in remediating issues on the vegetation-caused, worst performing feeders list, as submitted in the 2018 Report.

TNMP TNMP has been more critical in evaluating requests from internal and external customers regarding reactive tree work. Due to historical practices of responding to many of those requests, there is an obstacle to overcome in trying to reframe the focus of the program from one of generally reactive to primarily preventative.

TNMP saw similar results in its ability to limit reactive ticket work at 37% (2018) versus 37% (2017) mainly due to the continuation of emergency response requests. TNMP's work plan in 2019 will continue to focus on reducing the percentage of reactive work performed.

2. D. Provide the number of continuing education hours logged for TNMP's internal vegetation management personnel, if applicable.

TNMP Texas Department of Agriculture - Herbicide license: **18** hours.

International Society of Arboriculture – Certified Arborist: **88.75** hours.

2. E. Provide the amount of vegetation management work TNMP accomplished to achieve it vegetation management goals as described in Para. (1)(A).

TNMP Please see attached spreadsheet named

TNMP 2018 Work Plan marked **Exhibit C.**

2. F. Provide the separate SAIDI and SAIFI scores for vegetation-caused interruptions for each month and as reported for 2018 in the Service Quality Report (Docket 47294) at both the feeder and company level.

TNMP Please see attached spreadsheet named

TNMP 2018 Vegetation Caused Outages Summary

marked **Exhibit D.**

2. G. Provide the Budget, including:

i) A single table with the columns representing:

I) The budget for each category & subcategory listed in 1. I. that TNMP provided in preceding year (2017) pursuant to clause (1)(I), with totals for each category and subcategory;

II) The actual expenditures (2018) for each category and subcategory listed in 1. I., with totals for each category & subcategory;

III) The percentage of actual expenditures over/under the budget for each category or subcategory listed in 1. I.; and,

IV) The actual expenditures for preceding reporting year for each category and subcategory listed in 1. I., with totals for each category and subcategory;

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

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

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

v) The vegetation management budget from TNMP's last base-rate case. (Docket 38480)

TNMP Please see attached spreadsheet named *TNMP 2018 Budget Summary 16 TAC § 25.96* marked **Exhibit E.**

2019 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Complete	% remaining	PUCT Worst Performer?	Notes
North Texas						
	Lewisville					
Lewisville	LW1109	5.83	5.26	10%	Y	full trim - 2018 Carry Over - 1st Quarter
	LW1235	6.01	6	0%	Y	full trim - 2018 Carry Over - 1st Quarter
	LW1108	7.09	5.32	25%	Y	full trim - 2018 Carry Over - 1st Quarter
	LW2508	14.08	0	100%		hot spot - 2nd and 3rd Quarter
	LW1223	4.24	0	100%		hot spot - 2nd and 3rd Quarter
	LW1033	4.88	0	100%		hot spot - 2nd and 3rd Quarter
	LW1107	6.16	4.62	25%		full trim - 3rd and 4th Quarter
	LW1433	9.86	0	100%		full trim - 3rd and 4th Quarter
	Lewisville Total	**58.15**	**13.92**	**76%**		
	North Texas					
Nocona	NC13374	82.9	0	100%		hot spot - 3rd and 4th Quarter
Eliasville	EL1300	35.04	0	100%	Y	hot spot - 3rd and 4th Quarter
Emory	EM1201	46.67	0	100%		hot spot - 4th Quarter / 2020
Deport	BG2203	78.8	41.22	48%	Y	full trim - Carry over from 2018 - 1st and 2nd quarter
Pilot Point	PL2608	63.54	10.09	84%		full trim - Carry over from 2018 - 1st and 2nd quarter
Bells to Princeton 69KV	69KV	50.5	0	100%		hot spot - 2nd thru 4th quarter
	NTX Total	**306.95**	**51.31**	**83%**		
	Total North Texas	**365.10**	**65.23**	**82%**		
West Texas						
	No work scheduled in 2019					
Central TX						
	Central Texas					
Clifton #1	Clifton 22480	20.86	20.86	0%	Y	PM entire circuit completed Feb 2019 - 2018 Q4 - 2019 Q1
Clifton #2	Clifton 4160	7.53	7.53	0%	Y	PM entire circuit compled April 2019 - 2019 Q1 - Q2
Coryell County	Coryell County 22160	15.36	15.36	0%		PM entire circuit completed April 2019 - 2019 Q1 - Q2

Valley Mills	Valley Mills 22570	14.37	14.37	0%	Y	PM entire circuit completed Feb 2019 - 2018 Q4 - 2019 Q1
	Valley Mills 22575	75.87	0.00	100%	Y	Hot spot main feeder, in town Crawford,and major taps. - 2019 Q1 - Q2
Whitney	Whitney 22450	47.58	0.00	100%	Y	Plan to hot-spot main feeder and major taps - 2019 Q3 - Q4
	Whitney 22455	48.70	0.00	100%		Trimmed most of main feeder in 2018. Will finish main feeder and major taps in Whitney and Blum - 2019 Q3 - Q4
		230.27	**58.12**	**75%**		
	Total Central TX	**230.27**	**58.12**	**75%**		
Gulf Coast						
	Mainland					
Dickinson	Dickinson 1272	24.7	0	100%		Hot Spot Trim -
Texas City	La Marque 1205	13.5	0	100%		Hot Spot Trim (potential complete circuit trim) -
	Tejas 1217	17	0	100%		Hot Spot Trim -
	Northside 1293	6.7	0	100%	Y	Complete Circuit Trim -
	Freeway Park 1299	13.6	0	100%	Y	Hot Spot Trim - Tree Outage Worst Performer -
	Total Mainland	**75.5**	**0**	**100%**		
	Bay Area					
Friendswood	Friendswood 1251	15.6	0	100%		Hot Spot Trim
	Friendswod 1108	19.1	0	100%	Y	Complete Circuit Trim - Tree Outage Worst Performer -
Alvin	Alvin 1230	47.33	0	100%		Hot Spot Trim -
	Alvin 1117	44.08	0	100%		Hot Spot Trim -
	Alvin 1259	10.11	0	100%	Y	Hot Spot Trim - Tree Outage Worst Performer -
	Total Bay Area	**136.22**	**0**	**100%**		
	Brazos					
Angleton	Angleton 1155	80.8	0	100%	Y	Complete Circuit Trim -
West Columbia	W. Columbia 1234	25.9	25.9	0%	Y	Hot Spot Trim - Trimming started Jan-19. Completed Apr-2019.
Old Ocean	Old Ocean 1260	6.2	0	100%		Hot Spot Trim -
	Old Ocean 1262	45.54	0	100%	Y	Hot Spot Trim -
Sweeny	Sweeny 1129	34.85	34.85	0%		Hot Spot Trim - Hot spot trimming started in Dec-18. Completed Jan-19.
	Sweeny 1128	77.14	0	100%	Y	Hot Spot Trim -
Brazoria	Brazoria 1291	28.44	0	100%	Y	Hot Spot Trim - Tree Outage Worst Performer
	Total Brazos	**298.87**	**60.75**	**80%**		
	Total Gulf Coast	**510.59**	**60.75**	**88%**		
	TOTAL TNMP	**1105.96**	**184.10**	**83%**		

2019 O&M TREE TRIMMING BUDGET vs. ACTUAL

BUDGET - TNMP Total

BUSINESS UNIT	CT 376-AOP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$3,534,424	$223,376	$173,398	$171,622	$219,453	$276,306	$348,042	$458,314	$351,192	$335,088	$367,910	$309,159	$300,564	$3,534,424
Unscheduled Maintenance	$894,576	$52,798	$35,947	$38,876	$64,734	$90,338	$112,879	$96,007	$83,875	$79,933	$89,447	$71,289	$78,455	$894,576
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$60,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$60,000
TOTALS	**$4,489,000**	**$281,174**	**$214,345**	**$215,498**	**$289,187**	**$371,644**	**$465,921**	**$559,321**	**$440,067**	**$420,021**	**$462,357**	**$385,448**	**$384,019**	**$4,489,000**

ACTUAL - TNMP Total

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Unscheduled Maintenance	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

VARIANCE - TNMP Total

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	($3,534,424)	($223,376)	($173,398)	($171,622)	($219,453)	($276,306)	($348,042)	($458,314)	($351,192)	($335,088)	($367,910)	($309,159)	($300,564)	($3,534,424)
Unscheduled Maintenance	($894,576)	($52,798)	($35,947)	($38,876)	($64,734)	($90,338)	($112,879)	($96,007)	($83,875)	($79,933)	($89,447)	($71,289)	($78,455)	($894,576)
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	($60,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($60,000)
TOTALS	**($4,489,000)**	**($281,174)**	**($214,345)**	**($215,498)**	**($289,187)**	**($371,644)**	**($465,921)**	**($559,321)**	**($440,067)**	**($420,021)**	**($462,357)**	**($385,448)**	**($384,019)**	**($4,489,000)**
		-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%

2019 O&M TREETRIMMING BUDGET vs. ACTUALS

Budget - North TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$1,058,386	$73,080	$51,313	$27,774	$40,328	$40,328	$105,000	$148,527	$117,564	$117,655	$126,796	$113,084	$96,937	$1,058,386
Unscheduled Maintenance	$265,814	$11,178	$2,702		$13,443	$13,443	$35,000	$39,481	$29,161	$29,191	$32,238	$27,667	$32,312	$265,814
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	$1,324,200	$84,258	$54,015	$27,774	$53,771	$53,771	$140,000	$188,008	$146,725	$146,846	$159,034	$140,751	$129,249	$1,324,200

Actual - North TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$0													$0
Unscheduled Maintenance	$0													$0
Tree Risk Management	$0													$0
Emergency/Post Storm	$0													$0
TOTALS	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Variances - North TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	($1,058,386)	($73,080)	($51,313)	($27,774)	($40,328)	($40,328)	($105,000)	($148,527)	($117,564)	($117,655)	($126,796)	($113,084)	($96,937)	($1,058,386)
Unscheduled Maintenance	($265,814)	($11,178)	($2,702)	$0	($13,443)	($13,443)	($35,000)	($39,481)	($29,161)	($29,191)	($32,238)	($27,667)	($32,312)	($265,814)
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	($1,324,200)	($84,258)	($54,015)	($27,774)	($53,771)	($53,771)	($140,000)	($188,008)	($146,725)	($146,846)	($159,034)	($140,751)	($129,249)	($1,324,200)
		-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%

2019 O&M TREETRIMMING BUDGET vs. ACTUALS

Budget - Central/West TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$751,842	$41,748	$29,394	$48,884	$41,008	$67,778	$83,973	$67,778	$83,973	$67,778	$83,972	$67,778	$67,778	$751,842
Unscheduled Maintenance	$219,246	$10,437	$7,348	$12,221	$10,252	$35,856	$39,884	$15,884	$19,856	$15,884	$19,856	$15,884	$15,884	$219,246
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	$971,088	$52,185	$36,742	$61,105	$51,260	$103,634	$123,857	$83,662	$103,829	$83,662	$103,828	$83,662	$83,662	$971,088

Actual - Central/West TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$0													$0
Unscheduled Maintenance	$0													$0
Tree Risk Management	$0													$0
Emergency/Post Storm	$0													$0
TOTALS	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Variance - Central/West TX

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	($751,842)	($41,748)	($29,394)	($48,884)	($41,008)	($67,778)	($83,973)	($67,778)	($83,973)	($67,778)	($83,972)	($67,778)	($67,778)	($751,842)
Unscheduled Maintenance	($219,246)	($10,437)	($7,348)	($12,221)	($10,252)	($35,856)	($39,884)	($15,884)	($19,856)	($15,884)	($19,856)	($15,884)	($15,884)	($219,246)
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	($971,088)	($52,185)	($36,742)	($61,105)	($51,260)	($103,634)	($123,857)	($83,662)	($103,829)	($83,662)	($103,828)	($83,662)	($83,662)	($971,088)
		-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%

2019 O&M TREETRIMMING BUDGET vs. ACTUALS

Budget - Gulf Coast

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$1,724,196	$108,548	$92,691	$94,964	$138,117	$168,200	$159,069	$242,009	$149,655	$149,655	$157,142	$128,297	$135,849	$1,724,196
Unscheduled Maintenance	$409,516	$31,183	$25,897	$26,655	$41,039	$41,039	$37,995	$40,642	$34,858	$34,858	$37,353	$27,738	$30,259	$409,516
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$60,000
TOTALS	$2,133,712	$144,731	$123,588	$126,619	$184,156	$214,239	$202,064	$287,651	$189,513	$189,513	$199,495	$161,035	$171,108	$2,193,712

FAV

Actual - Gulf Coast

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$0													$0
Unscheduled Maintenance	$0													$0
Tree Risk Management	$0													$0
Emergency/Post Storm	$0													$0
TOTALS	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Variance - Gulf Coast

BUSINESS UNIT	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	($1,724,196)	($108,548)	($92,691)	($94,964)	($138,117)	($168,200)	($159,069)	($242,009)	($149,655)	($149,655)	($157,142)	($128,297)	($135,849)	($1,724,196)
Unscheduled Maintenance	($409,516)	($31,183)	($25,897)	($26,655)	($41,039)	($41,039)	($37,995)	($40,642)	($34,858)	($34,858)	($37,353)	($27,738)	($30,259)	($409,516)
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	($60,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($5,000)	($60,000)
TOTALS	($2,193,712)	($144,731)	($123,588)	($126,619)	($184,156)	($214,239)	($202,064)	($287,651)	($189,513)	($189,513)	($199,495)	($161,035)	($171,108)	($2,193,712)
		-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%	-100%

2018 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Complete	% remaining	worst performer / comments
North Texas					
	Lewisville				
	LW1109	5.83	5.83	0%	yes
	LW1235	6.01	5.42	10%	yes
	LW1103	13.73	13.73	0%	yes
	LW1108	7.09	4.36	39%	yes
	LW1107	6.16	4.7	24%	yes
2019	LW1433	9.86	0	100%	yes
	Lewisville Total	**48.68**	**34.04**	**30%**	
	North Texas				
Nocona					
	NC13374	82.9	0	100%	hot spot
Trenton					
	Frontier 4236	8.47	8.47	0%	Yes / hot spot
Deport					
	BG2203	78.57	43	45%	yes
	BG2252	40	40	0%	yes
Pilot Point					
	PL2608	64	10.09	84%	yes / full trim
	NTX	**273.94**	**101.56**	**63%**	
	Total North Texas	**322.62**	**135.6**	**58%**	
Central TX					
	Central Texas				
Sycamore					
	GT24105	17.2	17.2	0%	No. Completed March 2018

Scheduled	Feeder	Mileage	Mileage Complete	% remaining	worst performer / comments
North Texas					
Whitney					
	WI22455	48.7	48.7	0%	No. Completed October 2018
Glen Rose					
	GE 22295	31.7	31.7	0%	Yes. Completed August 2018
Coryell County					
	GT22365	50.22	50.22	0%	Yes. Completed May 2018
	Total Central TX	**147.77**	**147.77**	**0%**	
West Texas					
No Preventative Maintenance Scheduled in 2018					
Gulf Coast					
	Mainland				
Dickinson	Dickinson 1279	34.33	29.1	15%	Complete Circuit Trim - Trimming will be completed in next 2-4 weeks.
	Dickinson 1272	21.53	21.53	0%	Hot Spot Trim - Tree Outage Worst Performer - Trimming completed Dec-18
Texas City	Northside 1294	9.93	9.93	0%	Hot Spot Trim - Trimming completed in Nov-18
	La Marque 1202	14.54	14.54	0%	Hot Spot Trim - Trimming completed in Nov-18
	La Marque 1203	11.46	11.46	0%	Hot Spot Trim - Tree Outage Worst Performer - Trimming completed Dec-18
	Tejas 1217	16.74	16.74	0%	Hot Spot Trim - Trimming completed in Nov-18
	Tejas 1215	14.38	14.38	0%	Hot Spot Trim - Trimming completed in Dec-18
	Total Mainland	**122.91**	**117.68**	**4%**	
	Bay Area				
Friendswood	Magnolia 1145	2.59	0.39	85%	Complete Circuit Trim - Trimming will be completed in next 2-4 weeks.
	Friendswood 1108	19.17	19.17	0%	Hot Spot Trim - Tree Outage Worst Performer - Trimming completed Oct-18.
Alvin	Alvin 1117	44.16	44.16	0%	Hot Spot Trim - Trimming completed Dec-18.
	Alvin 1259	10.5	10.5	0%	Hot Spot Trim - Trimming completed Dec-18.
	Alvin 1257	49.67	49.67	0%	Complete Circuit Trim - Trimming started June-18. Completed Dec-18
	Total Bay Area	**126.09**	**123.89**	**2%**	

Scheduled	Feeder	Mileage	Mileage Complete	% remaining	worst performer / comments
North Texas					
	Brazos				
Angleton	Angleton 1244	71.48	71.48	0%	Complete Circuit Trim - Trimming started Dec-17 completed June-18.
	Angleton 1240	42.65	42.65	0%	Hot Spot Trim - trimming completed Oct-18.
West Columbia	W. Columbia 1234	25.9	25.9	0%	Hot Spot Trim - Trimming completed Oct-18.
	W. Columbia 1233	35.18	35.18	0%	Hot Spot Trim - Tree Outage Worst Performer - Trimming completed Dec-18.
	Total Brazos	**175.21**	**175.21**	**0%**	
	Total Gulf Coast	**424.21**	**416.78**	**2%**	
	TOTAL TNMP	**894.60**	**700.15**	**22%**	

TNMP

TEXAS-NEW MEXICO POWER COMPANY
2018 VEGETATION CAUSED OUTAGES

FORCED SYSTEM SAIDI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
17.4004	0.2397	0.5514	0.5878	0.5897	2.7013	1.1565	2.2006	2.2990	2.4062	2.3042	1.9667	0.3971

FORCED SYSTEM SAIFI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.1536	0.0025	0.0054	0.0038	0.0077	0.0129	0.0132	0.0220	0.0202	0.0244	0.0240	0.0114	0.0062

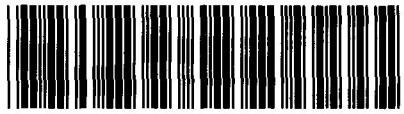
TNMP 2018 Budget Summary 16 TAC § 25.96

(reported last year)

	(G)(i)(I)	(G)(i)(II)	(G)(i)(III)	(G)(i)(IV)	(G)(ii)	(G)(iii)	(G)(iv)	(G)(v)
	BUDGET (2018)	ACTUAL (2018)	PERCENT OF BUDGET	ACTUAL EXPENDITURES FOR PRECEDING REPORTING YEAR (2017)	Explanation for below 98% or greater than 110%	Expenditures/# Points of Delivery[1]	Expenditures/# Customers Served[1]	Budget from TNMP's Last Base-Rate Case[2]
Schedule Maintenance	$ 2,795,626.00	$ 2,668,891.00	95.47%	$ 2,776,296.00	Less scheduled work performed due to greater than anticipated reactive work.	$ 10.54	$10.54	$ 4,413,880.00
Unscheduled Mainenance	$ 1,263,239.00	$ 1,581,415.00	125.19%	$ 1,462,415.00	Larger number of reactive tickets worked.	$ 6.25	$6.25	$ -
Tree Risk Management	-	$ -	0.00%	$ -			-	$ -
Emergency/ Post Storm	$ -	$ 24,163.00	0.00%	$ 175,169.00	Storm response greater than anticipated.	$ 0.10	$0.10	$ -
Total	$ 4,058,865.00	$ 4,274,469.00	105.31%	$ 4,413,880.00		$ 16.88	$16.88	$ 4,413,880.00

[1] TNMP reports the expenditures per number of ultimate end-use customers (253,216) which is the same number reported in the Earnings Monitoring Report pursuant to §25.73(b)

[2] This number represents the test year expenditures reported in TNMP's last base rate case, PUC Docket 48401. The amounts were not broken out in the rate case.



Control Number: 41381

Item Number: 71

Addendum StartPage: 0

PROJECT 41381

ANNUAL VEGETATION MANAGEMENT PLANS AND REPORTS PURSUANT TO 16 TX. ADMIN. CODE § 25.96 (TAC)	§ § § § § §	**THE PUBLIC UTILITY COMMISSION OF TEXAS**

TEXAS-NEW MEXICO POWER COMPANY'S VEGETATION MANAGEMENT REPORT AND PLAN

COMES NOW Texas-New Mexico Power Company (TNMP or Company) and files the Annual Report required by 16 TAC § 25.96 with regard to TNMP's activities related to Vegetation Management.

I hereby certify that the Annual Vegetation Management Report for TNMP has been prepared under my direction and that the information included therein is correct and accurate to my best knowledge, information, and experience.

Date: April 29, 2020

Respectfully submitted,

Evans Spanos
Vice President, Operations

TEXAS-NEW MEXICO POWER
577 N. Garden Ridge Blvd.
Lewisville, TX 75067
Tel: (214) 222-4120
Fax: (214) 222-4156

TNMP VEGETATION MANAGEMENT SUMMARY REPORT
FOR THE YEAR ENDING DECEMBER 31, 2019

Pursuant to the requirements of 16 Tex. Admin Code § 25.96 (TAC), each utility is required to file annually on May 1st a report summarizing its vegetation management activities.

Plan Summary for calendar year ending December 31, 2019.

1. A. Summarize the vegetation management goals and the method the utility employs to measure its progress.

TNMP The goal of TNMP's vegetation management program is to provide safe and reliable transmission and distribution of electricity by controlling growth of non-compatible species and encouraging growth of compatible species under, on, or adjacent to its facilities, rights-of-way, or easements. This is accomplished through adherence to Integrated Vegetation Management principles, which include mechanical, chemical, and cultural methods of control. The vegetation management program minimizes tree-related interruptions, adheres to ANSI Z133.1 and A300 standards, and follows NESC Section 218. Other goals and objectives include: positive customer relations, adherence to all regulatory and legal requirements, and support of public and worker safety through maintenance of adequate clearances between conductors and vegetation.

TNMP monitors its progress through the analysis of tree-related outage data collected, percent completion of planned work and regular site visits. TNMP monitors safety-related statistics to ensure work is being completed in a safe and efficient manner. TNMP utilizes vegetation management methods that are the most cost effective to ensure the best use of limited resources.

1. B. What are TNMP's trimming clearances and scheduling approach?

TNMP TNMP employs a vegetation management program that relies on trained arborists and dedicated Clearion GIS software to determine those circuits whose condition requires clearing. Currently, TNMP's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards from its easements and rights-of-way.

At current budget levels, TNMP uses a condition-based approach which allows the Company to effectively management the costs associated with these activities. The approach incorporates mowing and herbicide treatment, while addressing hazard tree removal and tree-trimming based on site inspections and outage incidents.

TNMP's vegetation management program uses a system-wide, GIS-based software solution from Clearion Software to improve efficiency by interfacing TNMP's

facilities mapping system – ArcFM - to automate the vegetation management process and provide accurate record-keeping.

The Company monitors system reliability reports continually to reduce the recurrence of outages and to limit repeating worst performing circuits. Work plans remain flexible to permit schedule changes occasionally in response to need.

1. C. Summarize TNMP's plan to remediate vegetation-caused issues on feeders that are on the vegetation-caused worst performing feeder list for the previous calendar year's SAIDI and SAIFI.

TNMP TNMP will analyze a number of different criteria to determine the most efficient way to improve reliability. The Company will prioritize vegetation-caused worst performing feeders using SAIFI and SAIDI data. Each Regional Forester is responsible for analysis of that list and for addressing the worst performing vegetation-caused feeders located within their territory each year. Other criteria for determining priority include customer count, outage locations, line patrols, customer tickets, protective device operations, and reactive work. Vegetation will be treated, pruned, or removed as needed to provide safe clearance from the overhead facilities and to limit those feeders from reappearing on the worst performing feeder list.

1. D. Summarize TNMP's tree risk management program.

TNMP TNMP utilizes a Level 1 Assessment as defined in ANSI A300 Part 9 section 93.4.2.1. The Company's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards on, and adjacent to, its easements and rights-of-way. This assessment takes place in conjunction with Scheduled Maintenance and therefore is not a separate budgeted line item.

1. E. Describe TNMP's approach to monitoring, preparing for, and responding to adverse environmental conditions such as drought and wildfire danger that may impact its vegetation management policies and practices.

TNMP Currently, TNMP monitors changing adverse environmental conditions such as drought or wildfire danger. TNMP's contractors monitor high fire danger declarations such as red flag warning days and take precautions such as no smoking outside vehicles, avoid parking/driving in areas of high grass, and may use spark arrestors, when appropriate.

1. F. Please provide the total overhead distribution miles in TNMP's system, excluding service drops.

TNMP As of December 31, 2019, TNMP owns 7,228 pole miles of overhead distribution lines within its service territory.

1. G. Please provide the total number of electric points of delivery in TNMP's system.

TNMP As of December 31, 2019, TNMP has 256,449 points of delivery.

1. H. Summarize the total amount of vegetation-related work TNMP plans to accomplish in the current calendar year to achieve the goals described in "A" above.

TNMP Please see attached spreadsheet named

TNMP 2020 Work Plan

marked **Exhibit A.**

1. I. Please provide TNMP's vegetation management budget, divided into the categories Scheduled Maintenance, Unscheduled Maintenance, Tree Risk Management, and Emergency and Post-Storm Activities.

TNMP Please see attached spreadsheet named

TNMP 2020 Budget Breakdown 16 TAC § 25.96

marked **Exhibit B**.

Section 2 Implementation Summary for calendar year 2019.

2. A. Please summarize whether TNMP met its 2019 vegetation maintenance goals and how those goals have changed for calendar 2020 based on the results.

TNMP Due to wetter than normal weather events and off-system hurricane response TNMP deferred some of the 2019 work plan to 2020, as defined in 1.A.

The total vegetation-caused SAIDI for TNMP in 2019 was 31.48, as compared to 17.38 in 2018, an decrease in reliability of approximately 81%. This result and other recent experiences can be attributed to worse than average weather events that negatively impacted TNMP's reliability. Preventative maintenance does provide positive results related to improvements in system reliability and TNMP will continue the focus of resources in this direction in calendar 2020.

2. B. Describe TNMP's successes and challenges with its vegetation maintenance strategy, including obstacles faced, such as property owner interference, and methods employed to overcome them.

TNMP Success at TNMP is measured in several ways. The continued implementation of Integrated Vegetation Management principles in TNMP's program has led to a conversion in many parts of the service territory from uncontrolled growth of incompatible species to the existence of compatible species along the easements and rights-of-way. In an effort to maintain reliability, and to provide for more sustained improvement over time, TNMP plans to continue to with its preventative vegetation management program, which will help TNMP achieve improvements in tree-related reliability.

Reactive work provides challenges when adhering to a preventative maintenance work plan. In 2019, TNMP continued its efforts to move away from a generally reactive program to focus on more preventative maintenance work. Work requests received and worked from both external and internal customers were maintained at 25% of all work in 2019, which was an improvement over 2018. TNMP Vegetation Management Department employees work diligently with internal company personnel and individual customers to further limit the number of reactive requests worked. Reactive work can be 2 to 3 times more expensive than preventative work.

2. C. Describe the progress and obstacles encountered in remediating issues on the vegetation-caused, worst performing feeders list, as submitted in the 2018 Report.

TNMP TNMP has been more critical in evaluating requests from internal and external customers regarding reactive tree work. Due to historical practices of responding to many of those requests, there is an obstacle to overcome in trying to reframe the focus of the program from one of generally reactive to primarily preventative.

TNMP saw improved results in its ability to limit reactive ticket work at 25% (2019) versus 37% (2018) mainly due to the continuation of controlling the number of reactive tree trim requests that were worked. TNMP's work plan in 2020 will continue to focus on reducing the percentage of reactive work performed.

2. D. Provide the number of continuing education hours logged for TNMP's internal vegetation management personnel, if applicable.

TNMP Texas Department of Agriculture - Herbicide license: **18** hours.

International Society of Arboriculture – Certified Arborist: **88.75** hours.

2. E. Provide the amount of vegetation management work TNMP accomplished to achieve it vegetation management goals as described in Para. (1)(A).

TNMP Please see attached spreadsheet named

TNMP 2019 Work Plan marked **Exhibit C.**

2. F. Provide the separate SAIDI and SAIFI scores for vegetation-caused interruptions for each month and as reported for 2019 in the Service Quality Report (Docket 47294) at both the feeder and company level.

TNMP Please see attached spreadsheet named

TNMP 2019 Vegetation Caused Outages Summary

marked **Exhibit D**.

2. G. Provide the Budget, including:

i) A single table with the columns representing:

I) The budget for each category & subcategory listed in 1. I. that TNMP provided in preceding year (2019) pursuant to clause (1)(I), with totals for each category and subcategory;

II) The actual expenditures (2019) for each category and subcategory listed in 1. I., with totals for each category & subcategory;

III) The percentage of actual expenditures over/under the budget for each category or subcategory listed in 1. I.; and,

IV) The actual expenditures for preceding reporting year for each category and subcategory listed in 1. I., with totals for each category and subcategory;

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

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

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

v) The vegetation management budget from TNMP's last base-rate case. (Docket 48401)

TNMP Please see attached spreadsheet named

TNMP 2019 Budget Summary 16 TAC § 25.96

marked **Exhibit E**.

2020 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Complete	% remaining	PUCT Worst Performer?	Notes
North Texas						
	Lewisville					
Lewisville	LW1033	4.88	0	100%	No	HOTSPOT ONLY - Carry over from 2019
	LW1433	9.86	0	100%	No	HOTSPOT ONLY - Carry over from 2019
	LW2540	4.59	0	100%	Yes	HOTSPOT ONLY
	LW2524	0.52	0	100%	Yes	HOTSPOT ONLY
	LW2512	0.67	0	100%	Yes	HOTSPOT ONLY
	Lewisville Total	**20.52**	**0**	**100%**		
	North Texas					
Nocona	NC13374	82.9	0	100%	Yes	HOTSPOT ONLY
	NC12490	29.2	0	100%	Yes	HOTSPOT ONLY
Olney	ON1685	60.28	0	100%	Yes	HOTSPOT ONLY
Pilot Point	PL2608	64.97	25.39	61%	Yes	Full Trim
Emory	EM1201	46.67	0	100%	No	HOTSPOT ONLY
	LO13388	26	0	100%	Yes	HOTSPOT ONLY
Bogota	BG2203	78.8	41.22	48%	Yes	HOTSPOT ONLY
	BG222164	52.6	0	100%	Yes	HOTSPOT ONLY
Whitewright	WW12698	34	0	100%	Yes	HOTSPOT ONLY
	NTX Total	**475.45**	**66.61**	**86%**		
	Total North Texas	**495.97**	**66.61**	**87%**		
	West Texas					
West Texas						
	No work scheduled in 2020					
Central TX						
	Central Texas					
Meridian	Meridian 23210	88.06	10.00	89%	No	SAIDI list. Hot Spot only
Hamilton	Hamilton County 2340	40.05	25.00	38%	No	SAIDI and SAIFI list. Cleared main feeder in 2019. Will hot spot larger taps in 2020
	Hamilton County 24015	54.72	0.00	100%	No	SAIDI list. Will hot spot locations on main feeder identified by line patrol.
	Hamilton City 22780	12.25	5.20	58%	Yes	SAIFI and Trees list. Will hot spot entire circuit.
Gatesville	Coryell County 22160	15.36	15.36	0%	No	SAIDI and SAIFI list. Main feeder cleared in 2019. Will patrol and address any hot spots identied
	Coryell County 22155	24.00	0.00	100%	Yes	Trees list only. Hot spot main feeder and taps with most customers
Whitney	Whitney 22450	47.58	47.58	0%	Yes	Trees list only. Hot spotted entire circuit Nov 2019 - Jan 2020.

	Whitney 22460	16.39	10.00	39%	No	SAIDI and SAIFI lists. Hot spot entire circuit.
Clifton	Clifton 407	2.46	2.46	0%	Yes	Trees list only. Hot spotted entire circuit Jan-Feb.
	Clifton 22495	7.10	0.00	100%	Yes	Trees list only. Will hot spot entire circuit.
Glen Rose	Glen Rose 22305	27.72	0.00	100%	Yes	Trees list only. Will hot spot entire circuit.
		335.69	**115.60**	**66%**		
	Total Central TX	**335.69**	**115.60**	**66%**		
Gulf Coast						
	Mainland					
Dickinson	Dickinson 1274	10.31	0	100%	Yes	Tree Outage Worst Performer - Hot spot trim
	Dickinson 1272	21.67	0	100%	Yes	Tree Outage Worst Performer - Hot spot trim
Texas City	La Marque 1201	10.88	0	100%	Yes	Tree Outage Worst Performer - Hot spot trim
	Northside 1228	12.12	0	100%	Yes	Hot spot trim
	Freeway Park 1299	15.37	0	100%	Yes	Hot spot trim
	Freeway Park 1101	17.76	0	100%	Yes	Tree Outage Worst Performer - Hot spot trim
	Total Mainland	**88.11**	**0**	**100%**		
	Bay Area					
Friendswood	Friendswood 1251	16.83	0	100%	Yes	Hot spot trim
	Friendswod 1108	19.08	19.08	0%	Yes	Tree Outage Worst Performer - Complete circuit trim completed March - 2020
League City	League City 1011	5.38	1.4	74%	Yes	Tree Outage Worst Performer - Complete circuit trim started Jan - 2020
	South Shore 1192	3.78	1.89	50%	Yes	Complete circuit trim started Sept 2019.
Alvin	Alvin 1115	47.06	0	100%	Yes	Tree Outage Worst Performer - Hot spot trim
	Alvin 1231	19.57	0	100%	No	Tree Outage Worst Performer - Hot spot trim
	Alvin 1259	10.88	2.72	75%	Yes	Hot spot trim - Some hotspotting done Jan-2020
	Alvin 1232	12.02	0	100%	No	Tree Outage Worst Performer - Hot spot trim
	Total Bay Area	**134.6**	**22.37**	**83%**		
	Brazos					
Angleton	Angleton 1245	22.8	0	100%	Yes	Hot spot trim
Old Ocean	Old Ocean 1262	46.03	0	100%	Yes	Hot spot trim
Sweeny	Sweeny 1263	7.83	0	100%	Yes	Complete circuit trim
Brazoria	Brazoria 1291	28.53	7.13	75%	Yes	Hot spot trim - Some hotspotting done Jan - 2020
	Transmission System	TBT	0	100%	N/A	Prioritize hot spot trimming where needed throughout Brazos transmission system
	Total Brazos	**105.19**	**7.13**	**93%**		
	Total Gulf Coast	**327.9**	**29.5**	**91%**		

TNMP 2020 Budget Breakdown 16 TAC § 25.96

2020 O&M TREE TRIMMING BUDGET

BUDGET - TNMP Total

Category	CT 376-ADP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$2,709,599	$234,089	$241,678	$180,072	$221,800	$221,800	$221,800	$221,800	$221,800	$228,400	$238,400	$238,400	$239,560	$2,709,599
Unscheduled Maintenance	$807,275	$76,096	$48,421	$32,357	$73,200	$73,200	$73,200	$73,200	$73,200	$66,600	$72,600	$72,600	$72,600	$807,275
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$46,804	$271	$0	$1,534	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$4,999	$46,804
TOTALS	**$3,563,678**	**$310,456**	**$290,099**	**$213,963**	**$300,000**	**$300,000**	**$300,000**	**$300,000**	**$300,000**	**$300,000**	**$316,000**	**$316,000**	**$317,159**	**$3,563,678**

Budget - North TX

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$741,884	$41,668	$41,668	$42,388	$65,000	$65,000	$65,000	$65,000	$65,000	$65,000	$75,000	$75,000	$76,160	$741,884
Unscheduled Maintenance	$299,658	$20,833	$20,833	$14,992	$25,000	$25,000	$25,000	$25,000	$25,000	$25,000	$31,000	$31,000	$31,000	$299,658
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	**$1,041,542**	**$62,501**	**$62,501**	**$57,380**	**$90,000**	**$90,000**	**$90,000**	**$90,000**	**$90,000**	**$90,000**	**$106,000**	**$106,000**	**$107,160**	**$1,041,542**

Budget - Central/West TX

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$669,680	$48,442	$58,797	$60,841	$52,800	$52,800	$52,800	$52,800	$52,800	$59,400	$59,400	$59,400	$59,400	$669,680
Unscheduled Maintenance	$103,991	$10,108	$1,483	$0	$13,200	$13,200	$13,200	$13,200	$13,200	$6,600	$6,600	$6,600	$6,600	$103,991
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	**$773,671**	**$58,550**	**$60,280**	**$60,841**	**$66,000**	**$66,000**	**$66,000**	**$66,000**	**$66,000**	**$66,000**	**$66,000**	**$66,000**	**$66,000**	**$773,671**

Budget - Gulf Coast

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$1,298,035	$143,979	$141,213	$76,843	$104,000	$104,000	$104,000	$104,000	$104,000	$104,000	$104,000	$104,000	$104,000	$1,298,035
Unscheduled Maintenance	$403,626	$45,155	$26,105	$17,365	$35,000	$35,000	$35,000	$35,000	$35,000	$35,000	$35,000	$35,000	$35,000	$403,626
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$46,804	$271	$0	$1,534	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$4,999	$46,804
TOTALS	**$1,748,465**	**$100,000**	**$100,000**	**$100,000**	**$1,000,000**	**$100,000**	**$100,000**	**$100,000**	**$100,000**	**$100,000**	**$100,000**	**$100,000**	**$100,000**	**$1,748,465**

2019 TNMP Work Plan

	Feeder	Mileage	Mileage Complete	% remaining	PUCT Worst Performer?	Notes
North Texas						
	Lewisville					
Lewisville	LW1109	5.83	5.83	0%	Yes	Full Trim
	LW1235	6.01	6.01	0%	Yes	Full Trim
	LW1108	7.09	7.09	0%	Yes	Full Trim
	LW2508	14.08	14.08	0%	Yes	HOTSPOT ONLY
	LW1223	4.24	4.24	0%	Yes	HOTSPOT ONLY
	LW1033	4.88	0	100%	Yes	HOTSPOT ONLY - carry over to 2020
	LW1107	6.16	6.16	0%	Yes	Full Trim
	LW1433	9.86	0	100%	Yes	HOTSPOT ONLY - carry over to 2020
	Lewisville Total	**58.15**	**43.41**	**25%**		
	North Texas					
Nocona	NC13374	82.90	20.00	76%	tree outages	HOTSPOT ONLY - carry over into 2020 (ran out of time in 2019 with influx of capital)
Eliasville	EL1300	35.04	35.04	0%	tree outages	HOTSPOT ONLY
Bells to Princeton 69KV	69KV	50.50	50.50	0%	Transmission	mow /clear
Emory	EM1201	46.67	23.33	50%	Yes	HOTSPOT ONLY - carry over into 2020 (ran out of time in 2019 with influx of capital)
Deport	BG2203	78.80	41.22	48%	Yes	HOTSPOT ONLY - carry over into 2020 (ran out of time in 2019 with influx of capital)
Pilot Point	PL2608	63.54	9.28	85%	Yes	HOTSPOT ONLY - carry over into 2020 (ran out of time in 2019 with influx of capital)
	NTX Total	**357.45**	**179.37**	**50%**		
	Total North Texas	**415.60**	**222.78**	**46%**		
West Texas						
	No work scheduled in 2019					
Central TX						
	Central Texas					
Clifton #1	Clifton 22480	20.86	20.86	0%	Yes	PM entire circuit completed Feb 2019 - 2018 Q4 - 2019 Q1
Clifton #2	Clifton 4160	7.53	7.53	0%	Yes	PM entire circuit compled April 2019 - 2019 Q1 - Q2
Coryell County	Coryell County 22160	15.36	15.36	0%		PM entire circuit completed April 2019 - 2019 Q1 - Q2
Valley Mills	Valley Mills 22570	14.37	14.37	0%	Yes	PM entire circuit completed Feb 2019 - 2018 Q4 - 2019 Q1
	Valley Mills 22575	75.87	75.87	0%	Yes	Hot spot main feeder, in town Crawford,and major taps. - 2019 Q1 - Q2

Whitney	Whitney 22450	47.58	47.58	0%	Yes	Plan to hot-spot main feeder and major taps - 2019 Q3 - Q4
	Whitney 22455	48.70	48.70	0%		Trimmed most of main feeder in 2018. Will finish main feeder and major taps in Whitney and Blum - 2019 Q3 - Q4
		230.27	**230.27**	**0%**		
	Total Central TX	**230.27**	**230.27**	**0%**		
Gulf Coast						
	Mainland					
Dickinson	Dickinson 1272	24.7	24.7	0%	Yes	Hot Spot Trim - Hot spot trimming done Jan-20
Texas City	La Marque 1205	13.5	13.5	0%	Yes	Hot Spot Trim - Hot spot trimming done in Nov - 19
	Tejas 1217	17	17	0%	Yes	Hot Spot Trim - Trimming completed in Dec - 19
	Northside 1293	6.7	6.7	0%	Yes	Complete Circuit Trim - Trimming completed in Dec - 19
	Freeway Park 1299	13.6	13.6	0%	No	Hot Spot Trim - Tree Outage Worst Performer - Hot spot trimming done in Dec - 19
	Total Mainland	**75.5**	**75.5**	**0%**		
	Bay Area					
Friendswood	Friendswood 1251	15.6	15.6	0%	Yes	Hot Spot Trim - Hot spot trimming done Jan - 2020
	Friendswod 1108	19.1	19.1	0%	Yes	Complete Circuit Trim - Tree Outage Worst Performer - Trimming started Nov-19 and completed March - 2020
Alvin	Alvin 1230	47.33	47.33	0%	Yes	Hot Spot Trim - Hot spot trimming done Jan - 2020
	Alvin 1117	44.08	44.08	0%	Yes	Hot Spot Trim - Hot spot trimming done Dec - 19
	Alvin 1259	10.11	10.11	0%	No	Hot Spot Trim - Tree Outage Worst Performer - Hot spot trimming completed Nov-19
	Total Bay Area	**136.22**	**136.22**	**0%**		
	Brazos					
Angleton	Angleton 1155	80.8	70	13%	Yes	Complete Circuit Trim - Trimming started Apr-19
West Columbia	W. Columbia 1234	25.9	25.9	0%	Yes	Hot Spot Trim - Trimming started Jan-19. Completed Apr-2019.
Old Ocean	Old Ocean 1260	6.2	6.2	0%	Yes	Hot Spot Trim - Hot spot trimming done Jan -2020
	Old Ocean 1262	45.54	45.54	0%	Yes	Hot Spot Trim - Hot spot trimming done Jan -2020
Sweeny	Sweeny 1129	34.85	34.85	0%	Yes	Hot Spot Trim - Hot spot trimming started in Dec-18. Completed Jan-19.
	Sweeny 1128	77.14	77.14	0%	Yes	Hot Spot Trim - Hot spot trimming completed in Dec-19
Brazoria	Brazoria 1291	28.44	28.44	0%	No	Hot Spot Trim - Tree Outage Worst Performer - Hot spot trimming completed Dec - 19.
	Total Brazos	**298.87**	**288.07**	**4%**		
	Total Gulf Coast	**510.59**	**499.79**	**2%**		

TNMP

TEXAS-NEW MEXICO POWER COMPANY
2019 VEGETATION CAUSED OUTAGES

FORCED SYSTEM SAIDI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
31.5063	0.6802	0.2172	0.4067	3.8506	5.5540	7.6918	1.8856	1.8337	3.5537	3.7441	1.9001	0.1887

FORCED SYSTEM SAIFI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.2640	0.0053	0.0024	0.0038	0.0338	0.0393	0.0577	0.0179	0.0159	0.0231	0.0346	0.0280	0.0022

TNMP 2020 Budget Summary 16 TAC § 25.96

(reported last year)

	(G)(i)(I)	(G)(i)(II)	(G)(i)(III)	(G)(i)(IV)	(G)(ii)	(G)(iii)	(G)(iv)	(G)(v)
	BUDGET (2019)	ACTUAL (2019)	PERCENT OF BUDGET	ACTUAL EXPENDITURES FOR PRECEDING REPORTING YEAR (2018)	Explanation for below 98% or greater than 110%	Expenditures/# Points of Delivery[1]	Expenditures/# Customers Served[1]	Budget from TNMP's Last Base-Rate Case[2]
Schedule Maintenance	$ 3,534,424.25	$ 2,526,609.00	71.49%	$ 2,668,891.00	Less scheduled work performed due to greater than anticipated reactive work.	$ 9.85	$9.85	
Unscheduled Mainenance	$ 894,576.17	$ 1,205,966.00	134.81%	$ 1,581,415.00	Larger number of reactive tickets worked.	$ 4.70	$4.70	
Tree Risk Management	-	-	0.00%	$ -		-	-	
Emergency/ Post Storm	$ 60,000.00	$ 116,354.00	193.92%	$ 24,163.00	Storm response greater than anticipated.	$ 0.45	$0.45	
Total	$ 4,489,000.42	$ 3,848,929.00	85.74%	$ 4,274,469.00	Additional funding not available	$ 15.01	$15.01	$ 4,413,880.00

[1] TNMP reports the expenditures per number of ultimate end-use customers (256,449) which is the same number reported in the Earnings Monitoring Report pursuant to §25.73(b)

[2] This number represents the test year expenditures reported in TNMP's last base rate case, PUC Docket 48401.

Control Number: 41381

Item Number: 76

Addendum StartPage: 0

FILED

2021 APR 23 AM 9:56

PUBLIC UTILITY COMMISSION
FILING CLERK

PROJECT 41381

ANNUAL VEGETATION MANAGEMENT PLANS AND REPORTS PURSUANT TO 16 TX. ADMIN. CODE § 25.96 (TAC)	§ § § § § § §	**THE PUBLIC UTILITY COMMISSION OF TEXAS**

TEXAS-NEW MEXICO POWER COMPANY'S VEGETATION MANAGEMENT REPORT AND PLAN

COMES NOW Texas-New Mexico Power Company (TNMP or Company) and files the Annual Report required by 16 TAC § 25.96 with regard to TNMP's activities related to Vegetation Management.

I hereby certify that the Annual Vegetation Management Report for TNMP has been prepared under my direction and that the information included therein is correct and accurate to my best knowledge, information, and experience.

Date: April 27, 2021

Respectfully submitted,

Keith Nix
Vice President, Engineering
and Technical Services

TEXAS-NEW MEXICO POWER
577 N. Garden Ridge Blvd.
Lewisville, TX 75067
Tel: (214) 222-4144
Fax: (214) 222-4156

10

TNMP VEGETATION MANAGEMENT SUMMARY REPORT
FOR THE YEAR ENDING DECEMBER 31, 2020

Pursuant to the requirements of 16 Tex. Admin Code § 25.96 (TAC), each utility is required to file annually on May 1st a report summarizing its vegetation management activities.

Plan Summary for calendar year ending December 31, 2020.

1. A. Summarize the vegetation management goals and the method the utility employs to measure its progress.

TNMP The goal of TNMP's vegetation management program is to provide safe and reliable transmission and distribution of electricity by controlling growth of non-compatible species and encouraging growth of compatible species under, on, or adjacent to its facilities, rights-of-way, or easements. This is accomplished through adherence to Integrated Vegetation Management principles, which include mechanical, chemical, and cultural methods of control. The vegetation management program minimizes tree-related interruptions, adheres to ANSI Z133.1 and A300 standards and follows NESC Section 218. Other goals and objectives include positive customer relations, adherence to all regulatory and legal requirements, and support of public and worker safety through maintenance of adequate clearances between conductors and vegetation.

TNMP monitors its progress through the analysis of tree-related outage data collected, percent completion of planned work and regular site visits. TNMP monitors safety-related statistics to ensure work is being completed in a safe and efficient manner. TNMP utilizes vegetation management methods that are the most cost effective to ensure the best use of limited resources.

1. B. What are TNMP's trimming clearances and scheduling approach?

TNMP TNMP employs a vegetation management program that relies on trained arborists and dedicated Clearion GIS software to determine those circuits whose condition requires clearing. Currently, TNMP's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards from its easements and rights-of-way.

At current budget levels, TNMP uses a condition-based approach which allows the Company to effectively management the costs associated with these activities. The approach incorporates mowing and herbicide treatment, while addressing hazard tree removal and tree-trimming based on site inspections and outage incidents.

TNMP's vegetation management program uses a system-wide, GIS-based software solution from Clearion Software to improve efficiency by interfacing TNMP's

facilities mapping system – ArcFM - to automate the vegetation management process and provide accurate record-keeping.

The Company monitors system reliability reports continually to reduce the recurrence of outages and to limit repeating worst performing circuits. Work plans remain flexible to permit schedule changes occasionally in response to need.

1. C. Summarize TNMP's plan to remediate vegetation-caused issues on feeders that are on the vegetation-caused worst performing feeder list for the previous calendar year's SAIDI and SAIFI.

TNMP TNMP will analyze several different criteria to determine the most efficient way to improve reliability. The Company will prioritize vegetation-caused worst performing feeders using SAIFI and SAIDI data. Each Regional Forester is responsible for analysis of that list and for addressing the worst performing vegetation-caused feeders located within their territory each year. Other criteria for determining priority include customer count, outage locations, line patrols, customer tickets, protective device operations, and reactive work. Vegetation will be treated, pruned, or removed as needed to provide safe clearance from the overhead facilities and to limit those feeders from reappearing on the worst performing feeder list.

1. D. Summarize TNMP's tree risk management program.

TNMP TNMP utilizes a Level 1 Assessment as defined in ANSI A300 Part 9 section 93.4.2.1. The Company's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards on, and adjacent to, its easements and rights-of-way. This assessment takes place in conjunction with Scheduled Maintenance and therefore is not a separate budgeted line item.

1. E. Describe TNMP's approach to monitoring, preparing for, and responding to adverse environmental conditions such as drought and wildfire danger that may impact its vegetation management policies and practices.

TNMP Currently, TNMP monitors changing adverse environmental conditions such as drought or wildfire danger. TNMP's contractors monitor high fire danger declarations such as red flag warning days and take precautions such as no smoking outside vehicles, avoid parking/driving in areas of tall grass, and may use spark arrestors, when appropriate.

1. F. Please provide the total overhead distribution miles in TNMP's system, excluding service drops.

TNMP As of December 31, 2020, TNMP owns 7,282 pole miles of overhead distribution lines within its service territory.

1. G. Please provide the total number of electric points of delivery in TNMP's system.

TNMP As of December 31, 2020, TNMP has 261,357 points of delivery.

1. H. Summarize the total amount of vegetation-related work TNMP plans to accomplish in the current calendar year to achieve the goals described in "A" above.

TNMP Please see attached spreadsheet named

TNMP 2021 Work Plan

marked **Exhibit A.**

1. I. Please provide TNMP's vegetation management budget, divided into the categories Scheduled Maintenance, Unscheduled Maintenance, Tree Risk Management, and Emergency and Post-Storm Activities.

TNMP Please see attached spreadsheet named

TNMP 2021 Budget Breakdown 16 TAC § 25.96

marked **Exhibit B.**

Section 2 Implementation Summary for calendar year 2020.

2. A. Please summarize whether TNMP met its 2020 vegetation maintenance goals and how those goals have changed for calendar 2021 based on the results.

TNMP Due to wetter than expected weather events and off-system hurricane response TNMP deferred some of the 2020 work plan to 2021, as defined in 1.A.

The total vegetation caused SAIDI for TNMP in 2020 was 32.94, as compared to 31.48 in 2019, a decrease in reliability of approximately 1%. This result and other recent experiences can be attributed to worse than expected weather events that negatively impacted TNMP's reliability. Preventative maintenance does provide positive results related to improvements in system reliability and TNMP will continue the focus of resources in this direction in calendar 2021.

2. B. Describe TNMP's successes and challenges with its vegetation maintenance strategy, including obstacles faced, such as property owner interference, and methods employed to overcome them.

TNMP Success at TNMP is measured in several ways. The continued implementation of Integrated Vegetation Management principles in TNMP's program has led to a conversion in many parts of the service territory from uncontrolled growth of incompatible species to the existence of compatible species along the easements and rights-of-way. To maintain reliability, and to provide for more sustained improvement over time, TNMP plans to continue to with its preventative vegetation management program, which will help TNMP achieve improvements in tree-related reliability.

Reactive work provides challenges when adhering to a preventative maintenance work plan. In 2020, TNMP continued its efforts to move away from a reactive program to focus on more preventative maintenance work. Work requests received and worked from both external and internal customers were maintained at 25% of all work in 2020, which remained the same from 2019. TNMP Vegetation Management Department employees work diligently with internal company personnel and individual customers to further limit the number of reactive requests worked. Reactive work can be 2 to 3 times more expensive than preventative work.

2. C. Describe the progress and obstacles encountered in remediating issues on the vegetation-caused, worst performing feeders list, as submitted in the 2019 Report.

TNMP TNMP has been more critical in evaluating requests from internal and external customers regarding reactive tree work. Due to historical practices of responding to many of those requests, there is an obstacle to overcome in trying to reframe the focus of the program from one of reactive to primarily preventative.

TNMP saw similar results in its ability to limit reactive ticket work at 25% (2020) versus 25% (2019) due to the continuation of controlling the number of reactive tree trim requests that were worked. TNMP's work plan in 2021 will continue to focus on reducing the percentage of reactive work performed.

2. D. Provide the number of continuing education hours logged for TNMP's internal vegetation management personnel, if applicable.

TNMP Texas Department of Agriculture - Herbicide license: **15** hours.

International Society of Arboriculture – Certified Arborist: **36** hours.

2. E. Provide the amount of vegetation management work TNMP accomplished to achieve it vegetation management goals as described in Para. (1)(A).

TNMP Please see attached spreadsheet named

TNMP 2020 Work Plan marked **Exhibit C.**

2. F. Provide the separate SAIDI and SAIFI scores for vegetation-caused interruptions for each month and as reported for 2020 in the Service Quality Report (Docket 47294) at both the feeder and company level.

TNMP Please see attached spreadsheet named

TNMP 2020 Vegetation Caused Outages Summary

marked **Exhibit D**.

2. G. Provide the Budget, including:

i) A single table with the columns representing:

I) The budget for each category & subcategory listed in 1. I. that TNMP provided in preceding year (2019) pursuant to clause (1)(I), with totals for each category and subcategory;

II) The actual expenditures (2019) for each category and subcategory listed in 1. I., with totals for each category & subcategory;

III) The percentage of actual expenditures over/under the budget for each category or subcategory listed in 1. I.; and,

IV) The actual expenditures for preceding reporting year for each category and subcategory listed in 1. I., with totals for each category and subcategory;

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

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

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

v) The vegetation management budget from TNMP's last base-rate case. (Docket 48401)

TNMP Please see attached spreadsheet named

TNMP 2020 Budget Summary 16 TAC § 25.96

marked **Exhibit E.**

2021 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Complete	% remaining	PUCT Worst Performer?	Notes
North Texas						
	Lewisville					
Lewisville						
	1411	11.33	0	100%	Yes	Hotspot
	1431	10.73	0	100%	Yes	Hotspot
	Lewisville Total	**22.06**	**0**	**100%**		
	North Texas					
Nocona	13370	14	0	100%	Yes	3 phase trimming / mainline
Pilot Point	2604	56.96	0	100%	No	Hotspot - customer tickets, OH requests, tree outages
Farmersville	23568	14.8	0	100%	Yes	3 phase trimming / mainline
Lone Oak	13384	12.99	0	100%	Yes	Hotspot - customer tickets, OH requests, tree outages
Detroit	2203	14.22	0	100%	Yes	3 phase trimming / mainline
	NTX Total	**112.97**	**0**	**100%**		
	Total North Texas	**135.03**	**0.00**	**100%**		
	West Texas					
West Texas						
	No work scheduled in 2021					
Central TX						
	Central Texas					
Clifton	CL22825	92.73	0	**100%**	Yes	SAIDI and Trees list. Hot spot main feeder and taps, and address pole changeout locations identified by construction department.
Gatesville	GT23065	15.49	15.49	**0%**	Yes	SAIDI, SAIFI, and Trees list. Hot spot main feeder & taps, and address pole changeout locations identified by construction department. Completed March 2021
Glen Rose	GE22300	79.44	0	**100%**	No	SAIDI and SAIFI list. Hot spot locations on main feeder and taps identified by line patrols.
	GE23875	30.54	0	**100%**	Yes	SAIDI, SAIFI, and Trees lists. Trim main feeder, hotspot worst taps, and address pole changeout locations identified by construction dept.
		218.20	**15.49**	**93%**		
	Total Central TX	**218.20**	**15.49**	**93%**		

Gulf Coast						
	Mainland					
Texas City	Northside 1295	28.13	0	100%	Yes	Tree Outage Worst Performer - Complete Circuit Trim -
	Freeway Park 1101	18	0	100%	Yes	Tree Outage Worst Performer -Hot Spots - Some hotspotting took place last year.
	Heights 1132	29.29	0	100%	No	Hot Spots - Some hotspotting took place last year.
La Marque	La Marque 1202	14.72	0	100%	Yes	Tree Outage Worst Performer - Hot Spots
Dickinson	Dickinson 1272	22	0	100%	Yes	Tree Outage Worst Performer - Main Feeder Only (more if time/$ allows)
	Total Mainland	**112.14**	**0**	100%		
	Bay Area					
Alvin	Alvin 1254	16.05	0	100%	Yes	Tree Outage Worst Performer - Complete Circuit Trim
	Alvin 1231	20.68	0	100%	Yes	Tree Outage Worst Performer - Main Feeder Only (more if time/$ allows)
	Alvin 1230	48.8	0	100%	No	Hot Spots
	Alvin 1115	46.39	0	100%	No	Hot Spots - Some hotspotting took place last year.
League City	League City 1280	8.19	0	100%	No	Hot Spots - Some hotspotting took place last year.
	Total Bay Area	**140.11**	**0**	100%		
	Brazos					
West Columbia	West Columbia 1234	25.71	0	100%	Yes	Tree Outage Worst Performer - Complete Circuit Trim
	West Columbia 1235	55.51	0	100%	No	Hot Spots
Angleton	Angleton 1154	19.33	0	100%	Yes	Main Feeder Only (more if time/$ allows)
	Angleton 1240	43.76	0	100%	No	Hot Spots
Transmission	Brazos	TBD	0	#VALUE!		Follow up ROW reclamation work from last year with herbicide. Also, some urban hotspotting.
	Total Brazos	**144.31**	**0**	100%		
	Total Gulf Coast	**396.56**	**0**	100%		
	GRAND TOTAL	**749.79**	**15.49**	**98%**		

TNMP 2021 Budget Breakdown 16 TAC § 25 96

2021 O&M TREE TRIMMING BUDGET

BUDGET - TNMP Total

Category	CT 376-AOP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$2,806,131	$231,047	$231,047	$231,047	$233,493	$233,493	$233,493	$233,493	$233,493	$233,493	$233,494	$233,494	$245,044	$2,806,131
Unscheduled Maintenance	$1,218,685	$101,000	$101,000	$101,000	$101,431	$101,431	$101,431	$101,431	$101,431	$101,431	$101,431	$101,431	$104,237	$1,218,685
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$72,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$72,000
TOTALS	**$4,096,816**	**$338,047**	**$338,047**	**$338,047**	**$340,924**	**$340,924**	**$340,924**	**$340,924**	**$340,924**	**$340,924**	**$340,925**	**$340,925**	**$355,281**	**$4,096,816**

Budget - North TX

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$748,287	$62,357	$62,357	$62,357	$62,357	$62,357	$62,357	$62,357	$62,357	$62,357	$62,358	$62,358	$62,358	$748,287
Unscheduled Maintenance	$480,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$40,000	$480,000
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	**$1,228,287**	**$102,357**	**$102,357**	**$102,357**	**$102,357**	**$102,357**	**$102,357**	**$102,357**	**$102,357**	**$102,357**	**$102,358**	**$102,358**	**$102,358**	**$1,228,287**

Budget - Central/West TX

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$781,557	$62,333	$62,333	$62,333	$64,779	$64,779	$64,779	$64,779	$64,779	$64,779	$64,779	$64,779	$76,326	$781,557
Unscheduled Maintenance	$138,685	$11,000	$11,000	$11,000	$11,431	$11,431	$11,431	$11,431	$11,431	$11,431	$11,431	$11,431	$14,237	$138,685
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	**$920,242**	**$73,333**	**$73,333**	**$73,333**	**$76,210**	**$76,210**	**$76,210**	**$76,210**	**$76,210**	**$76,210**	**$76,210**	**$76,210**	**$90,563**	**$920,242**

Budget - Gulf Coast

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$1,276,287	$106,357	$106,357	$106,357	$106,357	$106,357	$106,357	$106,357	$106,357	$106,357	$106,357	$106,357	$106,360	$1,276,287
Unscheduled Maintenance	$600,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$600,000
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$72,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$72,000
TOTALS	**$1,948,287**	**$162,357**	**$162,357**	**$162,357**	**$162,357**	**$162,357**	**$162,357**	**$162,357**	**$162,357**	**$162,357**	**$162,357**	**$162,357**	**$162,360**	**$1,948,287**

2020 TNMP Work Plan

	Feeder	Mileage	Mileage Complete	% remaining	PUCT Worst Performer?	Notes
North Texas						
	Lewisville					
Lewisville	LW1033	4.88	4.88	0%	No	complete
Lewisville	LW1433	9.86	9.86	0%	Yes	complete
Lewisville	LW2540	4.59	4.59	0%	Yes	complete
Lewisville	LW2524	0.52	0.52	0%	Yes	complete
Lewisville	LW2512	0.67	0.67	0%	Yes	complete
	Lewisville Total	**20.52**	**20.52**	**0%**		
	North Texas					
Nocona	NC13374	82.90	82.90	0%	Yes	complete
Pilot Point	PL2608	64.97	64.97	0%	Yes	complete
Emory	EM1201	46.67	46.67	0%	No	complete
	LO13388	26.00	26.00	0%	Yes	complete
Bogota	BG2203	14.22	0.00	100%	Yes	Mainline trimming - defer to 2021 - influx in Capital and variable weather in 2020 put this trimming on hold until 2021
Leonard	LEO12678	25.39	25.39	0%	No	HOTSPOT ONLY - in town of Leonard only
Leonard	LEO12682	4.15	4.15	0%	No	HOTSPOT ONLY - in town of Leonard only
Leonard	LEO14631	12.53	12.53	0%	No	HOTSPOT ONLY - in town of Leonard only
Leonard	LEO14635	24.95	24.95	0%	No	HOTSPOT ONLY - in town of Leonard only
Randolph	WW12573	19.93	19.93	0%	Yes	complete
	NTX Total	**321.71**	**307.49**	**4%**		
	Total North Texas	**342.23**	**328.01**	**4%**		
West Texas						
	No work scheduled in 2020					

Central TX						
	Central Texas					
Meridian	MR23210	88.06	88.06	0%	No	SAIDI list. Hot spotted locations identified on line patrol. Complete February 2020.
Hamilton	HM2340	40.05	40.05	0%	No	SAIDI and SAIFI list. Cleared main feeder in 2019, hot spotted taps in 2020. Completed March 2020.
	HM24015	54.72	54.72	0%	No	SAIDI list. Hot spotted locations identified on line patrol. Completed January 2021.
	HM22780	12.25	12.25	0%	Yes	SAIFI and Trees list. Hot spotted entire circuit. Completed December 2020.
Gatesvile	GT22160	15.36	15.36	0%	No	SAIDI and SAIFI list. Main feeder cleared in 2019. Patrolled main feeder and taps and found no tree issues to address in 2020. Completed February 2020.
	GT22155	24.00	24.00	0%	Yes	Trees list only. Hot spotted entire circuit. Completed May 2020.
Whitney	WI22450	47.58	47.58	0%	Yes	Trees list only. Hot spotted entire circuit November 2019-January 2020. Completed January 2020.
	WI22460	16.39	16.39	0%	No	SAIDI and SAIFI lists. Hot spotted entire circuit. Completed April 2020.
Clifton	CL407	2.46	2.46	0%	Yes	Trees list only. Hot spotted entire circuit. Completed February 2020.
	CL22495	7.10	7.10	0%	Yes	Trees list only. Hot spotted entire circuit. Completed July 2020.
Glen Rose	GE22305	27.72	27.72	0%	Yes	Trees list only. Hot spotted entire circuit. Completed September 2020.
		335.69	**335.69**	**0%**		
	Total Central TX	**335.69**	**335.69**	**0%**		

Gulf Coast						
	Mainland					
Dickinson	Dickinson 1274	10.31	10.31	0%	Yes	Tree Outage Worst Performer - Hot spot trim - Trimming started Sept-20 and completed Dec-20.
	Dickinson 1272	21.67	21.67	0%	Yes	Tree Outage Worst Performer - Hot spot trim - Trimming started Aug-20 and completed Sept-20.
Texas City	La Marque 1201	10.88	10.88	0%	Yes	Tree Outage Worst Performer - Hot spot trim - Hot spot trimming started Nov-20, completed Dec-20.
	Northside 1228	12.12	12.12	0%	Yes	Hot spot trim - Hotspot trimming started May-20 and completed June-20.
	Freeway Park 1299	15.37	15.37	0%	Yes	Hot spot trim - Hot spot trimming started June-20 and completed Aug-20.
	Freeway Park 1101	17.76	17.76	0%	Yes	Tree Outage Worst Performer - Hot spot trim - Hot spot trimming started Sept-20, completed Nov-20.
	Total Mainland	**88.11**	**88.11**	**0%**		
	Bay Area					
Friendswood	Friendswood 1251	16.83	16.83	0%	Yes	Hot spot trim - Trimming done Jan and Feb-21.
	Friendswod 1108	19.08	19.08	0%	Yes	Tree Outage Worst Performer - Complete circuit trim completed March - 2020

League City	League City 1011	5.38	5.38	0%	Yes	Tree Outage Worst Performer - Hot spot trim started Jan - 2020, completed Feb 2020.
	South Shore 1192	3.78	3.78	0%	Yes	Complete circuit trim started Sept 2019, completed March-20.
Alvin	Alvin 1115	47.06	47.06	0%	Yes	Tree Outage Worst Performer - Hot spot trim - Trimming done in Dec-20.
	Alvin 1231	19.57	19.57	0%	No	Tree Outage Worst Performer - Hot spot trim - Trimming done in Dec-20.
	Alvin 1259	10.88	10.88	0%	Yes	Hot spot trim - Some hotspotting done Jan-2020. Additional work done in Nov-20.
	Alvin 1232	12.02	12.02	0%	No	Tree Outage Worst Performer - Hot spot trim - Trimming done in Dec-20.
	Total Bay Area	**134.6**	**134.6**	**0%**		
	Brazos					
Angleton	Angleton 1245	22.8	22.8	0%	Yes	Hot spot trim - Trimming started and completed in Dec-20.
Old Ocean	Old Ocean 1262	46.03	46.03	0%	Yes	Hot spot trim - Trimming started Aug-20. Trimming completed Dec-20
Sweeny	Sweeny 1263	7.83	7.83	0%	Yes	Complete circuit trim Trimming started Sept - 20 and completed Nov-20.
Brazoria	Brazoria 1291	28.53	28.53	0%	Yes	Hot spot trim - Some hotspotting done Jan - 2020. Additional work done in Nov-20.
	Transmission System	TBT	30 miles	#VALUE!	N/A	Prioritize hot spot trimming where needed throughout Brazos transmission system. Trimming done in Nov-20.
	Total Brazos	**105.19**	**105.19**	**0%**		
	Total Gulf Coast	**327.9**	**327.9**	**0%**		
	GRAND TOTAL	**1005.82**	**991.60**	**1%**		

TNMP

TEXAS-NEW MEXICO POWER COMPANY
2020 VEGETATION CAUSED OUTAGES

FORCED SYSTEM SAIDI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
34.2412	3.7123	0.3583	0.5455	3.2197	8.8931	1.2230	3.0509	2.3443	6.8127	2.7566	0.4881	0.8368

FORCED SYSTEM SAIFI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.2862	0 0181	0 0021	0.0060	0.0248	0.0613	0.0097	0.0220	0.0220	0.0699	0.0401	0.0049	0.0052

TNMP 2021 Budget Summary 16 TAC § 25.96

(reported last year)

	(G)(i)(I)	(G)(i)(II)	(G)(i)(III)	(G)(i)(IV)	(G)(ii)	(G)(iii)	(G)(iv)	(G)(v)
	BUDGET (2020)	ACTUAL (2020)	PERCENT OF BUDGET	ACTUAL EXPENDITURES FOR PRECEDING REPORTING YEAR (2019)	Explanation for below 98% or greater than 110%	Expenditures/# Points of Delivery[1]	Expenditures/# Customers Served[1]	Budget from TNMP's Last Base-Rate Case[2]
Schedule Maintenance	$ 2,709,599.00	$ 4,060,363.00	149.85%	$ 2,526,609.00	Additional funding focused on Veg Mgmt activities	$ 15.54	$15.54	
Unscheduled Mainenance	$ 807,275.00	$ 1,296,851.00	160.65%	$ 1,205,966.00	Larger number of reactive tickets worked.	$ 4.96	$4.96	
Tree Risk Management	-	$ -	0.00%	$ -		-	-	
Emergency/ Post Storm	$ 46,804.00	$ 100,642.00	215.03%	$ 116,354.00	Storm response greater than anticipated.	$ 0.39	$0.39	
Total	$ 3,563,678.00	$ 5,457,856.00	153.15%	$ 3,848,929.00	Additional funding focused on Veg Mgmt activities	$ 20.88	$20.88	$ 4,413,880.00

[1] TNMP reports the expenditures per number of ultimate end-use customers (261,357) which is the same number reported in the Earnings Monitoring Report pursuant to §25.73(b)

[2] This number represents the test year expenditures reported in TNMP's last base rate case, PUC Docket 48401.

Filing Receipt

Received - 2022-04-25 04:00:23 PM
Control Number - 41381
ItemNumber - 86

PROJECT 41381

ANNUAL VEGETATION MANAGEMENT PLANS AND REPORTS PURSUANT TO 16 TX. ADMIN. CODE § 25.96 (TAC)	§ § § § § §	**THE PUBLIC UTILITY COMMISSION OF TEXAS**

TEXAS-NEW MEXICO POWER COMPANY'S VEGETATION MANAGEMENT REPORT AND PLAN

COMES NOW Texas-New Mexico Power Company (TNMP or Company) and files the Annual Report required by 16 TAC § 25.96 with regard to TNMP's activities related to Vegetation Management.

I hereby certify that the Annual Vegetation Management Report for TNMP has been prepared under my direction and that the information included therein is correct and accurate to my best knowledge, information, and experience.

Date: 4/25/2022

Respectfully submitted,

Keith Nix
Vice President, Engineering
and Technical Services

TEXAS-NEW MEXICO POWER
577 N. Garden Ridge Blvd.
Lewisville, TX 75067
Tel: (214) 222-4144
Fax: (214) 222-4156

TNMP VEGETATION MANAGEMENT SUMMARY REPORT
FOR THE YEAR ENDING DECEMBER 31, 2021

Pursuant to the requirements of 16 Tex. Admin Code § 25.96 (TAC), each utility is required to file annually on May 1st a report summarizing its vegetation management activities.

Plan Summary for calendar year ending December 31, 2021.

1. A. Summarize the vegetation management goals and the method the utility employs to measure its progress.

TNMP The goal of TNMP's vegetation management program is to provide safe and reliable transmission and distribution of electricity by controlling growth of non-compatible species and encouraging growth of compatible species under, on, or adjacent to its facilities, rights-of-way, or easements. This is accomplished through adherence to Integrated Vegetation Management principles, which include mechanical, chemical, and cultural methods of control. The vegetation management program minimizes tree-related interruptions, adheres to ANSI Z133.1 and A300 standards, and follows NESC Section 218. Other goals and objectives include positive customer relations, adherence to all regulatory and legal requirements, and support of public and worker safety through maintenance of adequate clearances between conductors and vegetation.

TNMP monitors its progress through the analysis of tree-related outage data collected, percent completion of planned work, and regular site visits. TNMP monitors safety-related statistics to ensure work is being completed in a safe and efficient manner. TNMP utilizes vegetation management methods that are the most cost effective to ensure the best use of limited resources.

1. B. What are TNMP's trimming clearances and scheduling approach?

TNMP TNMP employs a vegetation management program that relies on trained arborists and dedicated Clearion GIS software to determine those circuits whose condition requires clearing. Currently, TNMP's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards from its easements and rights-of-way.

At current budget levels TNMP uses a condition-based approach, which allows the Company to effectively manage the costs associated with these activities. This approach incorporates mowing and herbicide treatment, while addressing hazardous tree removal and tree-trimming based on site inspections and outage incidents.

TNMP's vegetation management program uses a system-wide, GIS-based software solution from Clearion Software to improve efficiency by interfacing TNMP's facilities mapping system – ArcFM - to automate the vegetation management process and provide accurate record-keeping.

The Company continually monitors system reliability reports to reduce the recurrence of outages and to limit repeating worst performing circuits. Work plans remain flexible to permit schedule changes occasionally in response to need.

1. C. Summarize TNMP's plan to remediate vegetation-caused issues on feeders that are on the vegetation-caused worst performing feeder list for the previous calendar year's SAIDI and SAIFI.

TNMP TNMP will analyze several different criteria to determine the most efficient way to improve reliability. The Company will prioritize vegetation-caused worst performing feeders utilizing SAIFI and SAIDI data. Each Regional Forester is responsible for analysis of this list and for addressing the worst performing vegetation-caused feeders located within their service territory each year. Other criteria for determining priority include customer count, outage locations, line patrols, customer tickets, protective device operations, and reactive work. Vegetation will be treated, pruned, or removed as necessary to provide safe clearance from the overhead facilities and to limit those feeders from reappearing on the worst performing feeder list.

1. D. Summarize TNMP's tree risk management program.

TNMP TNMP utilizes a Level 1 Assessment as defined in ANSI A300 Part 9 section 93.4.2.1. The Company's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards on, and adjacent to, its easements and rights-of-way. This assessment takes place in conjunction with Scheduled Maintenance and therefore is not a separate budgeted line item.

1. E. Describe TNMP's approach to monitoring, preparing for, and responding to adverse environmental conditions such as drought and wildfire danger that may impact its vegetation management policies and practices.

TNMP Currently, TNMP monitors changing adverse environmental conditions such as drought and wildfire dangers. TNMP's contractors monitor high fire danger declarations, such as red flag warning days, and take precautions including avoiding smoking outside vehicles, avoiding parking/driving in areas of tall grass, and the use spark arrestors, when appropriate.

1. F. Please provide the total overhead distribution miles in TNMP's system, excluding service drops.

TNMP As of December 31, 2021, TNMP owns 7,305 pole miles of overhead distribution lines within its service territory.

1. G. Please provide the total number of electric points of delivery in TNMP's system.

TNMP As of December 31, 2021, TNMP has 262,453 points of delivery.

1. H. Summarize the total amount of vegetation-related work TNMP plans to accomplish in the current calendar year to achieve the goals described in "A" above.

TNMP Please see attached spreadsheet named

TNMP 2022 Work Plan

marked **Exhibit A.**

1. I. Please provide TNMP's vegetation management budget, divided into the categories Scheduled Maintenance, Unscheduled Maintenance, Tree Risk Management, and Emergency and Post-Storm Activities.

TNMP Please see attached spreadsheet named

TNMP 2022 Budget Breakdown 16 TAC § 25.96

marked **Exhibit B**.

Section 2 Implementation Summary for calendar year 2021.

2. A. Please summarize whether TNMP met its 2021 vegetation maintenance goals and how those goals have changed for calendar 2022 based on the results.

TNMP Due to the Hurricane Nicholas response, TNMP deferred some of the 2021 work plan to 2022, as defined in 1.A.

The total vegetation-caused SAIDI for TNMP in 2021 was 34.54, as compared to 32.94 in 2020, which is a decrease in reliability of approximately 4.6%. This result and other recent experiences can be attributed to worse than expected weather events that negatively impacted TNMP's reliability. Preventative maintenance does provide positive results related to improvements in system reliability and TNMP will continue the focus of resources in this direction in calendar year 2022.

2. B. Describe TNMP's successes and challenges with its vegetation maintenance strategy, including obstacles faced, such as property owner interference, and methods employed to overcome them.

TNMP Success at TNMP is measured in several ways. The continued implementation of Integrated Vegetation Management principles in TNMP's program has led to a conversion in many parts of the service territory from uncontrolled growth of incompatible species to the existence of compatible species along the easements and rights-of-way. To maintain tree-related reliability and to achieve sustained improvements over time, TNMP plans to continue to with its preventative vegetation management program.

Reactive work provides challenges when adhering to a preventative maintenance work plan. In 2021, TNMP continued its efforts to move away from a reactive program to focus on more preventative maintenance work. Work requests received and worked from both external and internal customers were maintained at 29% of all work in 2021, an increase of 4% from 2020. TNMP Vegetation Management Department employees will work diligently with internal company personnel and individual customers to further limit the number of reactive requests worked. Reactive work can be 2 to 3 times more expensive than preventative work.

2. C. Describe the progress and obstacles encountered in remediating issues on the vegetation-caused, worst performing feeders list, as submitted in the 2020 Report.

TNMP TNMP has been more critical in evaluating requests from internal and external customers regarding reactive tree work. Due to historical practices of responding to many of those requests, there is an obstacle to overcome in trying to reframe the focus of the program from one of reactive to primarily preventative. TNMP's Gulf Coast Forester left the Company in June and was not replaced until September, thus allowing less critical evaluation and an increase in reactive work.

TNMP's work plan in 2022 will continue to focus on reducing the percentage of reactive work performed.

2. D. Provide the number of continuing education hours logged for TNMP's internal vegetation management personnel, if applicable.

TNMP Texas Department of Agriculture - Herbicide license: **10 hours.**

International Society of Arboriculture – Certified Arborist: **25 hours.**

2. E. Provide the amount of vegetation management work TNMP accomplished to achieve it vegetation management goals as described in Para. (1)(A).

TNMP Please see attached spreadsheet named

TNMP 2021 Work Plan marked **Exhibit C.**

2. F. Provide the separate SAIDI and SAIFI scores for vegetation-caused interruptions for each month and as reported for 2021 in the Service Quality Report (Docket 47294) at both the feeder and company level.

TNMP Please see attached spreadsheet named

TNMP 2021 Vegetation Caused Outages Summary

marked **Exhibit D**.

2. G. Provide the Budget, including:

i) A single table with the columns representing:

I) The budget for each category & subcategory listed in 1. I. that TNMP provided in preceding year (2020) pursuant to clause (1)(I), with totals for each category and subcategory;

II) The actual expenditures (2020) for each category and subcategory listed in 1. I., with totals for each category & subcategory;

III) The percentage of actual expenditures over/under the budget for each category or subcategory listed in 1. I.; and,

IV) The actual expenditures for preceding reporting year for each category and subcategory listed in 1. I., with totals for each category and subcategory;

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

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

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

v) The vegetation management budget from TNMP's last base-rate case. (Docket 48401)

TNMP Please see attached spreadsheet named

TNMP 2021 Budget Summary 16 TAC § 25.96

marked **Exhibit E**.

2022 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Complete	% Remaining	PUCT Worst Performer?	Notes
North Texas						
	Lewisville					
Lewisville						
	LW1431	10.46	0	100%	Yes	Hotspot - target tree casued outage locations
	LW1033	13.78	0	100%	Yes	Hotspot - target tree casued outage locations
	LW1433	9.93	0	100%	Yes	Hotspot - target tree casued outage locations
		-	-	-		
	Lewisville Total	**34.17**				
	North Texas - West					
Pilot Point	PL2604	54.89	0	100%	Yes	Bid work - circuit trimming (majority of main line complete in 2021)
St Jo	STJO15761	11.39	0	100%	Yes	Hotspot - target tree casued outage locations
Petrolia	PET12260	64.64	0	100%	Yes	Hotspot - target tree casued outage locations
	NTX - West total	**130.92**				
	North Texas - East					
Talco	BG22237	8.42	0	100%	Yes	Hotspot - target tree casued outage locations
Princeton	PI23126	13.03	0	100%	Yes	Hotspot - target tree casued outage locations
Emory	EO1201	45.82	0	100%	Yes	Hotspot - customer tickets and tree caused outage locations
Celeste	LEO14635	24.56	0	100%	No	Bid work - circuit trimming
	NTX - East Total	**91.83**	**0**	**100%**		
	Total North Texas	**256.92**	**0**	**100%**		
	West Texas					
West Texas						
	No work scheduled in 2022					
Central TX						
	Central Texas					
Meridian	MR680	7.87	7.87	**0%**	Yes	Trimmed entire circuit for cutover project. Completed Nov 2021
	MR690	7.43	7.43	**0%**	Yes	Trimmed entire circuit for cutover project. Completed Dec 2021
Hill County	WI23340	61.12	25	**59%**	Yes	Hot spotted main feeder and taps with most outages in 2021. Will patrol and hot spot as needed.

Glen Rose	GE22300	72.87	72.87	0%	Yes	Hot spotted main feeder and taps identified by line patrols. Completed Mar 2022
	GE22295	35.37		100%	Yes	Will hotspot main feeders and taps identified by line patrols
Gatesville	GT22725	8.69		100%	Yes	1 major outage where tree broke and fell across 3-phase. Circuit worked in 2020. Will patrol and hot spot if needed.
		193.35	**113.17**	**41%**		
	Total Central TX	**193.35**	**113.17**	**41%**		
Gulf Coast						
	Mainland					
Texas City	1298	20.1	0	100%	Yes	Hot spot
	1299	15.56	0	100%	Yes	Hot spot
La Marque	1134	9.2	0	100%	Yes	Hot spot if resources allow
	1294	10.04	0	100%	Yes	Hot spot
	1277	42.37	15	65%	Yes	Trim complete circuit, worst performer #1
	Total mainland	97.27	15	85%		
	Bay Area					
Alvin	1232	12.84	0	100%	Yes	Trim complete circuit, worst performer
	1116	35.25	0	100%	Yes	Trim complete circuit, worst performer #2
League City	1402	20.21	0	100%	Yes	Trim complete circuit if resources allow
	1146	6.62	0	100%	Yes	Trim complete circuit
	Total Bay Area	**74.92**	0	100%		
	Brazos					
West Columbia	1271	69.08	0	100%	Yes	Hot spot
Angleton	1244	72.86	0	100%	Yes	Prioritized trim
	1242	8.32	0	100%	Yes	Hot spot if resources allow
	1240	43.76	0	100%	Yes	Hot spot if resources allow
Transmission		TBD	0	50%		Inspect and trim hot spots asap, we have trimmed the areas weve inspected
	Total Brazos	**194.02**	**0**	100%		
	Total Gulf Coast	**366.21**	**15**	**96%**		
	GRAND TOTAL	**816.48**	**128.17**	**84%**		

TNMP 2022 Budget Breakdown 16 TAC § 25.96

2022 O&M TREE TRIMMING BUDGET

BUDGET - TNMP Total

Category	CT 376-AOP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$2,988,800	$249,067	$249,067	$249,067	$249,067	$249,067	$249,067	$249,067	$249,067	$249,067	$249,067	$249,067	$249,067	$2,988,800
Unscheduled Maintenance	$1,249,200	$104,100	$104,100	$104,100	$104,100	$104,100	$104,100	$104,100	$104,100	$104,100	$104,100	$104,100	$104,100	$1,249,200
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$72,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$72,000
TOTALS	**$4,310,000**	**$359,167**	**$359,167**	**$359,167**	**$359,167**	**$359,167**	**$359,167**	**$359,167**	**$359,167**	**$359,167**	**$359,167**	**$359,167**	**$359,167**	**$4,310,000**

Budget - North TX

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$775,800	$64,650	$64,650	$64,650	$64,650	$64,650	$64,650	$64,650	$64,650	$64,650	$64,650	$64,650	$64,650	$775,800
Unscheduled Maintenance	$517,200	$43,100	$43,100	$43,100	$43,100	$43,100	$43,100	$43,100	$43,100	$43,100	$43,100	$43,100	$43,100	$517,200
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	**$1,293,000**	**$107,750**	**$107,750**	**$107,750**	**$107,750**	**$107,750**	**$107,750**	**$107,750**	**$107,750**	**$107,750**	**$107,750**	**$107,750**	**$107,750**	**$1,293,000**

Budget - Central/West TX

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$816,192	$68,016	$68,016	$68,016	$68,016	$68,016	$68,016	$68,016	$68,016	$68,016	$68,016	$68,016	$68,016	$816,192
Unscheduled Maintenance	$132,000	$11,000	$11,000	$11,000	$11,000	$11,000	$11,000	$11,000	$11,000	$11,000	$11,000	$11,000	$11,000	$132,000
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	**$948,192**	**$79,016**	**$79,016**	**$79,016**	**$79,016**	**$79,016**	**$79,016**	**$79,016**	**$79,016**	**$79,016**	**$79,016**	**$79,016**	**$79,016**	**$948,192**

Budget - Gulf Coast

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$1,396,808	$116,401	$116,401	$116,401	$116,401	$116,401	$116,401	$116,401	$116,401	$116,401	$116,401	$116,401	$116,401	$1,396,808
Unscheduled Maintenance	$600,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$600,000
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$72,000
TOTALS	**$2,068,808**	**$172,401**	**$172,401**	**$172,401**	**$172,401**	**$172,401**	**$172,401**	**$172,401**	**$172,401**	**$172,401**	**$172,401**	**$172,401**	**$172,401**	**$2,068,808**

2021 TNMP Work Plan

	Feeder		Mileage	Mileage Complete	% remaining	PUCT Worst Performer?	Notes
North Texas							
	Lewisville						
Lewisville		1411	10.49	10.49	100%	Yes	COMPLETE
		1431	10.46	2	81%	Yes	Hotspots - remainder differed to 2022 - not critical
		-	-	-			
	Lewisville Total		**20.95**	**12.49**	**40%**		
	North Texas						
Nocona		13370	65.3	65.3	100%	Yes	3 phase trimming / mainline, hotspots -COMPLETE
Pilot Point		2604	54.89	20	64%	No	Hotspot - MAINLINE COMPLETE - LATERALS SCHEDULED FOR 2022
Farmersville		23568	14.8	14.8	100%	Yes	3 phase trimming / mainline - COMPLETE
Lone Oak		13384	12.99	12.99	100%	Yes	Hotspot - customer ticktes, OH requests, tree outages - COMPLETE
Detroit		2203	14.22	14.22	100%	Yes	3 phase trimming / mainline - COMPLETE
	NTX Total		**162.2**	**127.31**	**22%**		
	Total North Texas		**183.15**	**139.8**	**24%**		
West Texas							
	No work scheduled in 2021						
Central TX							
	Central Texas						
Clifton		CL22825	92.73	92.73	0%	Yes	SAIDI and Trees list. Hot spotted main feeder and main taps. Addressed pole changeout locations. Completed October 2021.
Gatesville		GT23065	15.49	15.49	0%	Yes	SAIDI, SAIFI, and Trees list. Hot spotted entire circuit and addressed pole changeout locations. Completed April 2021.
Glen Rose		GT22300	79.44	79.44	0%	No	SAIDI and SAIFI list. Hot spotted main feeder and taps identified by line patrols. Completed December 2021.
		GT23875	30.54	30.54	0%	Yes	SAIDI, SAIFI, and Trees list. Hot spotted main feeder and taps identified by line patrols. Completed May 2021.
			218.20	**218.20**	**0%**		

	Total Central TX	**218.20**	**218.20**	**0%**		
Gulf Coast						
04/11/22- tim cool	**Mainland**					
Texas City	Northside 1295	28.13	20	29%	Yes	Tree Outage Worst Performer - Trimmed 3ph and most of 1ph
	Freeway Park 1101	18	12	33%	Yes	Tree Outage Worst Performer - Trimmed 3ph
	Heights 1132	29.29	0	100%	No	Hot spotted in 2020, did not have resources in 2021
Dickinson	Dickinson 1272	22	10	55%	Yes	Tree Outage Worst Performer- hot spotted
La Marque	La Marque 1202	14.72		100%	Yes	Tree outage worst performer - ran out of resources
	Total Mainland	**112.14**	**42**	63%		
	Bay Area					
Alvin	Alvin 1254	16.05	15.5	**3%**	Yes	Tree Outage Worst Performer - Completed 97% of mainline and taps
	Alvin 1231	20.68	19.5	**6%**	Yes	Tree Outage Worst Performer- Completed 94% of mainline and taps
	Alvin 1230	48.8	0	**100%**	No	Hot Spot
	Alvin 1115	46.39	45	**3%**	No	Completed 97% of mainline and taps
		8.19	0	**100%**	No	Hot Spots - Some hotspotting took place 2020, did not have resources in 2021
League City	League City 1280					
		140.11	**80**	**43%**		
	Brazos					
West Columbia	West Columbia 1234	25.71	25	**3%**	Yes	Tree Outage Worst Performer - Completed 97% of mainline and taps
	West Columbia 1235	55.51	0	**100%**	No	Hot Spots
Angleton	Angleton 1154	19.33	18.36	**5%**	Yes	Main Feeder Only (more if time/$ allows)
	Angleton 1240	43.76	0	**100%**	No	Hot Spots
		-	-			
Transmission	Brazos	TBD	0	**#VALUE!**		Follow up ROW reclamation work from last year with herbicide. Also, some urban hotspotting.
		-	-	-		
	Total Brazos	**144.31**	**105.19**	**27%**		
	Total Gulf Coast	**190.7**	**150.19**	**21%**		
	GRAND TOTAL	**432.34**	**356.94**	**17%**		

TNMP

TEXAS-NEW MEXICO POWER COMPANY
2021 VEGETATION CAUSED OUTAGES

FORCED SYSTEM SAIDI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
34.5394	3.4034	0.6914	0.3115	3.7540	5.5219	3.7753	3.1700	2.4166	1.7547	8.1144	0.9509	0.6752

FORCED SYSTEM SAIFI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.3782	0.0303	0.0080	0.0042	0.0419	0.0504	0.0642	0.0239	0.0247	0.0238	0.0835	0.0161	0.0072

TNMP 2021 Budget Summary 16 TAC § 25.96

(reported last year)

	(G)(i)(I)	(G)(i)(II)	(G)(i)(III)	(G)(i)(IV)	(G)(ii)	(G)(iii)	(G)(iv)	(G)(v)
	BUDGET (2021)	ACTUAL (2021)	PERCENT OF BUDGET	ACTUAL EXPENDITURES FOR PRECEDING REPORTING YEAR (2020)	Explanation for below 98% or greater than 110%	Expenditures/# Points of Delivery[1]	Expenditures/# Customers Served[1]	Budget from TNMP's Last Base-Rate Case[2]
Schedule Maintenance	$2,806,131.00	$ 4,045,109.00	144.15%	$4,060,363.00	Additional funding focused on Veg Mgmt activities.	$ 15.48	$15.48	
Unscheduled Mainenance	$1,218,685.00	$ 1,764,836.00	144.81%	$1,296,851.00	Larger number of reactive tickets worked.	$ 6.75	$6.75	
Tree Risk Management	-	$ -	0.00%	-		-	-	
Emergency/ Post Storm	$72,000.00	$ 100,642.00	139.78%	$100,642.00	Storm response greater than anticipated.	$ 0.39	$0.39	
Total	$4,096,816.00	$ 5,910,587.00	144.27%	$5,457,856.00	Additional funding focused on Veg Mgmt activities.	$ 22.61	$22.61	$ 4,413,880.00

[1] TNMP reports the expenditures per number of ultimate end-use customers (261,357) which is the same number reported in the Earnings Monitoring Report pursuant to §25.73(b)

[2] This number represents the test year expenditures reported in TNMP's last base rate case, PUC Docket 48401.

Filing Receipt

Filing Date - 2023-04-28 02:39:09 PM

Control Number - 41381

Item Number - 100

PROJECT 41381

ANNUAL VEGETATION MANAGEMENT PLANS AND REPORTS PURSUANT TO 16 TX. ADMIN. CODE § 25.96 (TAC)	§ § § § § § §	**THE PUBLIC UTILITY COMMISSION OF TEXAS**

TEXAS-NEW MEXICO POWER COMPANY'S VEGETATION MANAGEMENT REPORT AND PLAN

COMES NOW Texas-New Mexico Power Company (TNMP or Company) and files the Annual Report required by 16 TAC § 25.96 with regard to TNMP's activities related to Vegetation Management.

I hereby certify that the Annual Vegetation Management Report for TNMP has been prepared under my direction and that the information included therein is correct and accurate to my best knowledge, information, and experience.

Date: April 28, 2023

Respectfully submitted,

Keith Nix
Vice President, Engineering
and Technical Services

TEXAS-NEW MEXICO POWER
577 N. Garden Ridge Blvd.
Lewisville, TX 75067
Tel: (214) 222-4144
Fax: (214) 222-4156

TNMP VEGETATION MANAGEMENT SUMMARY REPORT
FOR THE YEAR ENDING DECEMBER 31, 2022

Pursuant to the requirements of 16 Tex. Admin Code § 25.96 (TAC), each utility is required to file annually on May 1st a report summarizing its vegetation management activities.

Plan Summary for calendar year ending December 31, 2022.

1. A. Summarize the vegetation management goals and the method the utility employs to measure its progress.

TNMP The goal of TNMP's vegetation management program is to provide safe and reliable transmission and distribution of electricity by controlling growth of non-compatible species and encouraging growth of compatible species under, on, or adjacent to its facilities, rights-of-way, or easements. This is accomplished through adherence to Integrated Vegetation Management principles, which include mechanical, chemical, and cultural methods of control. The vegetation management program minimizes tree-related interruptions, adheres to ANSI Z133.1 and A300 standards and follows NESC Section 218. Other goals and objectives include positive customer relations, adherence to all regulatory and legal requirements, and support of public and worker safety through maintenance of adequate clearances between conductors and vegetation.

TNMP monitors its progress through the analysis of tree-related outage data collected, percent completion of planned work and regular site visits. TNMP monitors safety-related statistics to ensure work is being completed in a safe and efficient manner. TNMP utilizes vegetation management methods that are the most cost effective to ensure the best use of limited resources.

1. B. What are TNMP's trimming clearances and scheduling approach?

TNMP TNMP employs a vegetation management program that relies on trained arborists and dedicated Clearion GIS software to determine those circuits whose condition requires clearing. Currently, TNMP's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards from its easements and rights-of-way.

At current budget levels, TNMP uses a condition-based approach which allows the Company to effectively management the costs associated with these activities. The approach incorporates mowing and herbicide treatment, while addressing hazard tree removal and tree-trimming based on site inspections and outage incidents.

TNMP's vegetation management program uses a system-wide, GIS-based software solution from Clearion Software to improve efficiency by interfacing TNMP's

facilities mapping system – ArcFM - to automate the vegetation management process and provide accurate record-keeping.

The Company monitors system reliability reports continually to reduce the recurrence of outages and to limit repeating worst performing circuits. Work plans remain flexible to permit schedule changes occasionally in response to need.

1. C. Summarize TNMP's plan to remediate vegetation-caused issues on feeders that are on the vegetation-caused worst performing feeder list for the previous calendar year's SAIDI and SAIFI.

TNMP TNMP will analyze several different criteria to determine the most efficient way to improve reliability. The Company will prioritize vegetation-caused worst performing feeders using SAIFI and SAIDI data. Each Regional Forester is responsible for analysis of that list and for addressing the worst performing vegetation-caused feeders located within their territory each year. Other criteria for determining priority include customer count, outage locations, line patrols, customer tickets, protective device operations, and reactive work. Vegetation will be treated, pruned, or removed as needed to provide safe clearance from the overhead facilities and to limit those feeders from reappearing on the worst performing feeder list.

1. D. Summarize TNMP's tree risk management program.

TNMP TNMP utilizes a Level 1 Assessment as defined in ANSI A300 Part 9 section 93.4.2.1. The Company's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards on, and adjacent to, its easements and rights-of-way. This assessment takes place in conjunction with Scheduled Maintenance and therefore is not a separate budgeted line item.

1. E. Describe TNMP's approach to monitoring, preparing for, and responding to adverse environmental conditions such as drought and wildfire danger that may impact its vegetation management policies and practices.

TNMP Currently, TNMP monitors changing adverse environmental conditions such as drought or wildfire danger. TNMP's contractors monitor high fire danger declarations such as red flag warning days and take precautions such as no smoking outside vehicles, avoid parking/driving in areas of tall grass, and may use spark arrestors, when appropriate.

1. F. Please provide the total overhead distribution miles in TNMP's system, excluding service drops.

TNMP As of December 31, 2022, TNMP owns 8,225 pole miles of overhead distribution lines within its service territory (includes primary and secondary voltages, excludes service drops).

1. G. Please provide the total number of electric points of delivery in TNMP's system.

TNMP As of December 31, 2022, TNMP has 269,944 points of delivery.

1. H. Summarize the total amount of vegetation-related work TNMP plans to accomplish in the current calendar year to achieve the goals described in "A" above.

TNMP Please see attached spreadsheet named

TNMP 2023 Work Plan

marked **Exhibit A.**

1. I. Please provide TNMP's vegetation management budget, divided into the categories Scheduled Maintenance, Unscheduled Maintenance, Tree Risk Management, and Emergency and Post-Storm Activities.

TNMP Please see attached spreadsheet named

TNMP 2023 Budget Breakdown 16 TAC § 25.96

marked **Exhibit B**.

Section 2 Implementation Summary for calendar year 2022.

2. A. Please summarize whether TNMP met its 2022 vegetation maintenance goals and how those goals have changed for calendar 2023 based on the results.

TNMP

The total vegetation caused SAIDI for TNMP in 2022 was 19.81 minutes, compared to 32.94 in 2021, an increase in reliability of approximately 40%. This can be attributed to enhanced efforts to minimize reactive work and keep a focus on preventive maintenance, in addition to supplementary funds being added to the budget in Q4 of 2022. TNMP will continue the focus resources in this direction in calendar 2023.

2. B. Describe TNMP's successes and challenges with its vegetation maintenance strategy, including obstacles faced, such as property owner interference, and methods employed to overcome them.

TNMP Success at TNMP is measured in several ways. The continued implementation of Integrated Vegetation Management principles in TNMP's program has led to a conversion in many parts of the service territory from uncontrolled growth of incompatible species to the existence of compatible species along the easements and rights-of-way. To maintain reliability, and to provide for more sustained improvement over time, TNMP plans to continue to with its preventative vegetation management program, which will help TNMP achieve improvements in tree-related reliability.

Reactive work provides challenges when adhering to a preventative maintenance work plan. In 2022, TNMP continued its efforts to move away from a reactive program to focus on more preventative maintenance work. Work requests received and worked from both external and internal customers were maintained at 19% of all work in 2022, a decrease of 35% from 2021. TNMP Vegetation Management Department employees will work diligently with internal company personnel and individual customers to further limit the number of reactive requests worked. Reactive work can be 2 to 3 times more expensive than preventative work.

2. C. Describe the progress and obstacles encountered in remediating issues on the vegetation-caused, worst performing feeders list, as submitted in the 2021 Report.

TNMP TNMP has been more critical in evaluating requests from internal and external customers regarding reactive tree work. Due to historical practices of responding to many of those requests, there is an obstacle to overcome in trying to reframe the focus of the program from one of reactive to primarily preventative.

TNMP's work plan in 2023 will continue to focus on reducing the percentage of reactive work performed.

2. D. Provide the number of continuing education hours logged for TNMP's internal vegetation management personnel, if applicable.

TNMP Texas Department of Agriculture - Herbicide license: **11** hours.

International Society of Arboriculture – Certified Arborist: **56.5** hours.

2. E. Provide the amount of vegetation management work TNMP accomplished to achieve it vegetation management goals as described in Para. (1)(A).

TNMP Please see attached spreadsheet named

TNMP 2022 Work Plan marked **Exhibit C.**

2. F. Provide the separate SAIDI and SAIFI scores for vegetation-caused interruptions for each month and as reported for 2022 in the Service Quality Report (Docket 47294) at both the feeder and company level.

TNMP Please see attached spreadsheet named

TNMP 2022 Vegetation Caused Outages Summary

marked **Exhibit D**.

2. G. Provide the Budget, including:

i) A single table with the columns representing:

I) The budget for each category & subcategory listed in 1. I. that TNMP provided in preceding year (2022 pursuant to clause (1)(I), with totals for each category and subcategory;

II) The actual expenditures (2022) for each category and subcategory listed in 1. I., with totals for each category & subcategory;

III) The percentage of actual expenditures over/under the budget for each category or subcategory listed in 1. I.; and,

IV) The actual expenditures for preceding reporting year for each category and subcategory listed in 1. I., with totals for each category and subcategory;

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

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

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

v) The vegetation management budget from TNMP's last base-rate case. (Docket 48401)

TNMP Please see attached spreadsheet named

TNMP 2022 Budget Summary 16 TAC § 25.96

marked **Exhibit E**.

2023 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Complete	% Remaining	PUCT Worst Performer?	Notes
North Texas						
	Lewisville					
Lewisville	LW1102	7.26	0	100%	yes	hotspotting and customer tickets
Lewisville	LW1103	13.78	0	100%	yes	hotspotting and customer tickets
Lewisville	LW2508	11.72	0	100%	yes	hotspotting and customer tickets
	Lewisville Total	**32.76**	**0**	**100%**		
	North Texas - West					
Graham to Bryson	ON12605	15	15	0%	yes	Mainline - HWY 380
Ringold	RG23774	24.9	0	100%	yes	hotspot - target tree casued outage locations
Nocona	NC12486	10.33	0	100%	yes	hotspot - target tree casued outage locations (Nocona in town)
Pilot Point	PL2608	64.89	64.89	0%	no	hotspot - target tree casued outage locations
Pilot Point	PL12115	5.82	5.82	0%	no	full trim
Pilot Point	PL12119	4.83	4.83	0%	no	full trim
	NTX - West total	**125.77**	**90.54**	**28%**		
	North Texas - East					
Talco	BG22237	8.42	0	100%	no	hotspot - target tree casued outage locations
Deport	BG22164	10	10	0%	no	hotspot - target tree casued outage locations (Deport)
Blossom	BG2203	30	0	100%	yes	hotspot - target tree casued outage locations
Blue Ridge	BR22700	22.07	0	100%	yes	hotspot - target tree casued outage locations
Princeton	PI2234	31.04	0	100%	yes	hotspot - target tree casued outage locations
Whitewright	WW12574	15	15	0%	no	hotspot - target tree casued outage locations (Pilot Grove)
Trenton	FR4236	8.42	8.42	0%	no	full trim
Trenton	TR4120	5.42	5.42	0%	no	full trim
	NTX - East total	**130.37**	38.84	**70%**		
	NTX / LEW total	**288.9**	129.38	**55%**		
	West Texas					

West Texas

No work scheduled in 2023

Central TX

	Central Texas					
Glen Rose	GE22305	54.06	54.06	0%	Yes	On all causes SAIFI list. Trimmed main feeder and taps identified on line patrol. Completed Mar 2023
	GE22295	35.37	35.37	0%	Yes	Hot spotted main feeder and taps identified on line patrols. Outages occurred before circuit completed Aug 2022
Gatesville	GT22365	50.12	10	80%	Yes	Will hot spot main feeder and taps identified by line patrols
Hamilton	HM24015	54		100%	Yes	On all causes SAIFI list. Will hot spot main feeder and taps identified by line patrol
Walnut Spring	MR25925	14.33		100%	Yes	Will hot spot main feeder and taps identified by line patrol
Transmission	CT06901	7.58	1.5	80%		Trim and mow
	CT06902	14.25		100%		Trim and mow
	CT06905	23.65		100%		Trim and mow
		253.36	**100.93**	**60%**		
	Total Central TX	**253.36**	**100.93**	**60%**		

Gulf Coast

	Mainland					
Texas City	1298	20.1	0	100%	Yes	Hot spot
	1299	15.56	0	100%	Yes	Hot spot
La Marque	1134	9.2	9.2	100%	Yes	Hot spot if resources allow
	1294	10.04	10.04	100%	Yes	Hot spot
	1277	42.37	42.37	100%	Yes	Trim complete circuit, worst performer #1
	Total mainland	97.27	61.61	**37%**		
	Bay Area					
Alvin	1232	12.84	12.84	100%	Yes	Trim complete circuit, worst performer
	1116	35.25	35.25	100%	Yes	Trim complete circuit, worst performer #2
League City	1402	20.21	0	100%	Yes	Trim complete circuit if resources allow
Friendswood	1146	6.62	6.62	100%	Yes	Trim complete circuit
	Total Bay Area	**74.92**	54.71	**27%**		
	Brazos					
West Columbia	1271	69.08	0	100%	Yes	Hot spot
Angleton	1244	72.86	65	100%	Yes	Prioritized trim
	1242	8.32	0	100%	Yes	Hot spot if resources allow
	1240	43.76	0	100%	Yes	Hot spot if resources allow
Transmission		TBD	0	50%		Inspect and trim hot spots asap, we have trimmed the areas weve inspected
	Total Brazos	**194.02**	**65**	**66%**		
	Total Gulf Coast	**366.21**	**181.32**	**50%**		

GRAND TOTAL	**908.47**	**411.63**	**55%**

TNMP 2023 Budget Breakdown 16 TAC § 25.96

2023 O&M TREE TRIMMING BUDGET

BUDGET - TNMP Total

Category	CT 376-AOP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$3,409,776	$281,648	$281,648	$281,648	$281,648	$281,648	$281,648	$311,648	$281,648	$281,648	$281,648	$281,648	$281,648	$3,409,776
Unscheduled Maintenance	$1,000,628	$83,386	$83,386	$83,386	$83,386	$83,386	$83,386	$83,386	$83,386	$83,385	$83,385	$83,385	$83,385	$1,000,628
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$72,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$72,000
TOTALS	**$4,482,404**	**$371,034**	**$371,034**	**$371,034**	**$371,034**	**$371,034**	**$371,034**	**$401,034**	**$371,034**	**$371,033**	**$371,033**	**$371,033**	**$371,033**	**$4,482,404**

Budget - North TX

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$997,332	$83,111	$83,111	$83,111	$83,111	$83,111	$83,111	$83,111	$83,111	$83,111	$83,111	$83,111	$83,111	$997,332
Unscheduled Maintenance	$249,336	$20,778	$20,778	$20,778	$20,778	$20,778	$20,778	$20,778	$20,778	$20,778	$20,778	$20,778	$20,778	$249,336
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	**$1,246,668**	**$103,889**	**$103,889**	**$103,889**	**$103,889**	**$103,889**	**$103,889**	**$103,889**	**$103,889**	**$103,889**	**$103,889**	**$103,889**	**$103,889**	**$1,246,668**

Budget - Central/West TX

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$858,240	$69,020	$69,020	$69,020	$69,020	$69,020	$69,020	$99,020	$69,020	$69,020	$69,020	$69,020	$69,020	$858,240
Unscheduled Maintenance	$151,292	$12,608	$12,608	$12,608	$12,608	$12,608	$12,608	$12,608	$12,608	$12,607	$12,607	$12,607	$12,607	$151,292
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTALS	**$1,009,532**	**$81,628**	**$81,628**	**$81,628**	**$81,628**	**$81,628**	**$81,628**	**$111,628**	**$81,628**	**$81,627**	**$81,627**	**$81,627**	**$81,627**	**$1,009,532**

Budget - Gulf Coast

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	$1,554,204	$129,517	$129,517	$129,517	$129,517	$129,517	$129,517	$129,517	$129,517	$129,517	$129,517	$129,517	$129,517	$1,554,204
Unscheduled Maintenance	$600,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$50,000	$600,000
Tree Risk Management	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Emergency/Post Storm	$0	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$6,000	$72,000
TOTALS	**$2,226,204**	**$185,517**	**$185,517**	**$185,517**	**$185,517**	**$185,517**	**$185,517**	**$185,517**	**$185,517**	**$185,517**	**$185,517**	**$185,517**	**$185,517**	**$2,226,204**

2022 TNMP Work Plan

	Feeder	Mileage	Mileage Complete	% remaining	PUCT Worst Performer?	Notes
North Texas						
	Lewisville					
Lewisville						
	LW1431	10.46	10.46	0%		hotspot - target tree casued outage locations
	LW1033	13.78	13.78	0%		hotspot - target tree casued outage locations
	LW1433	9.93	9.93	0%		hotspot - target tree casued outage locations
	Lewisville Total	**34.17**	**34.17**			
	North Texas - West					
Pilot Point	PL2604	54.89	54.89	0%		full circuit trimming
St Jo	STJO15761	11.39	11.39	0%		hotspot - target tree casued outage locations
Petrolia	PET12260	64.64	64.64	0%		hotspot - target tree casued outage locations
Bryson	BRY1230	55.29	49	0%		mainline cleared - hotspotting in town
	NTX - West total	**186.21**	179.92	**3%**		
	North Texas - East					
Talco	BG22237	8.42	2	77%		minimal tree outages - main issues addressed - differ remainder to 2023
Princeton	PI23126	13.03	13.03	0%		hotspot - target tree casued outage locations
Emory	EO1201	45.82	45.82	0%		hotspot - customer tickets and tree caused outage locations
Celeste	LEO14635	24.56	24.56	0%		full circuit trimming
Bailey	LEO12678	25.82	25.82	0%		full circuit trimming
	NTX - East Total	**117.65**	**111.23**	**5%**		
	Total North Texas	**338.03**	**325.32**	**6%**		
West Texas						
	No work scheduled in 2022					
Central TX						
	Central Texas					
Meridian	MR680	7.87	7.87	0%	Yes	Trimmed entire circuit for cutover project. Completed Nov 202

	MR690	7.43	7.43	0%	Yes	Trimmed entire circuit for cutover project. Completed July 2022
Hill County	WI23340	61.12	61.12	0%	Yes	Hot spotted main feeder and taps identified by line patrols. Completed Jan 2023
Glen Rose	GE22300	72.87	72.87	0%	Yes	Hot spotted main feeder and taps identified by line patrols. Completed Mar 2022
	GE22295	35.37	35.37	0%	Yes	Hot spotted main feeder and taps identified by line patrols. Completed Aug 2022
Gatesville	GT22725	8.69	8.69		Yes	1 major outage where tree broke and fell across 3-phase. Circuit fully worked 2020. Patrolled and addressed locations of concern. Completed Jul 2022.
		184.66	**184.66**	**0%**		
	Total Central TX	**184.66**	**184.66**	**0%**		

Gulf Coast						
	Mainland					
La Marque	TC1298	20.1	0	100%	yes	5 -6 outages about tied with 1299, hot spot
La Marque	TC1299	15.56	0	100%	yes	5-6 outages about tied with 1298, hot spot
Texas City	1134	9.2	9.2	0%	yes	Hot spot, 3 outages, prioritize over 1294 due to Said/Saifi
Texas City	1294	10.04			Yes	Hot spot, 3 outages
Dickinson	DC1277	42.37	42.37	0%	yes	22 outages 100%,
	Total Mainland	**97.27**	**51.57**	**47%**		
	Bay Area					
Alvin	AL1232	12.84	12.84	0%	yes	4th for PUC and 3rd worst for PUCT-9 outages, Trim 100%
Alvin	AL1116	35.25	35.25	0%	yes	2nd worst performer for TRO, 18 outages, 100%
League City	1402	20.21			yes	Trim 100% if possible
Friendswood	FI1146	6.62	6.62	0%	yes	Trimmed 100% nose to tail + removals
	Total Bay Area	**74.92**	**54.71**	**27%**		
	Brazos					
West Columbia	BZ1271	69.08		100%	Yes	8 outages, on puct tied for 4th but lower saidi/ saifi- hot spot
Angleton	AG1244	72.86	65	11%	Yes	trimmed
Angleton	AG 1242	8.32	0	100%	Yes	hot spot if there is time
Angleton	Ag1240	43.76			Yes	2020 worst performer, as well as 2021, did not get trimmed according to data I have. Was supposed to be hot spotted. -Trim 100%
Transmission		3	3	0%		hot spots- located and planned.
	Total Brazos	**197.02**	**68**	**65%**		
	Total Gulf Coast	**369.21**	**174.28**	**53%**		

GRAND TOTAL	**891.90**	**684.26**	**23%**

TNMP

TEXAS-NEW MEXICO POWER COMPANY
2022 VEGETATION CAUSED OUTAGES

FORCED SYSTEM SAIDI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
19.8107	0.9916	0.9838	0.2856	2.2053	2.7427	1.3323	0.8956	2.4155	1.7875	2.6610	3.0988	0.4108

FORCED SYSTEM SAIFI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.2474	0.0095	0.0132	0.0028	0.0275	0.0206	0.0151	0.0087	0.0561	0.0147	0.0329	0.0422	0.0040

TNMP 2022 Budget Summary 16 TAC § 25.96

(reported last year)

	(G)(i)(I)	(G)(i)(II)	(G)(i)(III)	(G)(i)(IV)	(G)(ii)	(G)(iii)	(G)(iv)	(G)(v)
	BUDGET (2022)	ACTUAL (2022)	PERCENT OF BUDGET	ACTUAL EXPENDITURES FOR PRECEDING REPORTING YEAR (2021)	Explanation for below 98% or greater than 110%	Expenditures/# Points of Delivery[1]	Expenditures/# Customers Served[1]	Budget from TNMP's Last Base Rate Case[2]
Schedule Maintenance	$ 2,921,660.00	$ 7,089,311.00	242.65%	$ 4,045,109.00	Additional funding focused on Veg Mgmt activities.	$ 27.05	$27.05	
Unscheduled Mainenance	$ 1,388,340.00	$ 1,619,618.00	116.66%	$ 1,764,836.00	Larger number of reactive tickets worked.	$ 6.20	$6.20	
Tree Risk Management	-	$ -	0.00%	-		-	-	
Emergency/ Post Storm		$ -	#DIV/0!	$ 100,642.00	Storm response greater than anticipated.	$ -	$0.00	
Total	$ 4,310,000.00	$ 8,708,929.00	202.06%	$ 5,910,587.00	Additional funding focused on Veg Mgmt activities.	$ 33.25	$33.25	$ 4,413,880.00

[1] TNMP reports the expenditures per number of ultimate end-use customers (259.,886) which is the same number reported in the Earnings Monitoring Report pursuant to §25.73(b)

[2] This number represents the test year expenditures reported in TNMP's last base rate case, PUC Docket 48401.

Filing Receipt

Filing Date - 2024-04-30 05:01:00 PM

Control Number - 41381

Item Number - 107

PROJECT 41381

ANNUAL VEGETATION MANAGEMENT PLANS AND REPORTS PURSUANT TO 16 TX. ADMIN. CODE § 25.96 (TAC)	§ § § § § § §	**THE PUBLIC UTILITY COMMISSION OF TEXAS**

TEXAS-NEW MEXICO POWER COMPANY'S VEGETATION MANAGEMENT REPORT AND PLAN

COMES NOW Texas-New Mexico Power Company (TNMP or Company) and files the Annual Report required by 16 TAC § 25.96 with regard to TNMP's activities related to Vegetation Management.

I hereby certify that the Annual Vegetation Management Report for TNMP has been prepared under my direction and that the information included therein is correct and accurate to my best knowledge, information, and experience.

Date: 4/29/24

Respectfully submitted,

Keith Nix
Vice President, Engineering
and Technical Services

TEXAS-NEW MEXICO POWER
577 N. Garden Ridge Blvd.
Lewisville, TX 75067
Tel: (214) 222-4144
Fax: (214) 222-4156

TNMP VEGETATION MANAGEMENT SUMMARY REPORT
FOR THE YEAR ENDING DECEMBER 31, 2023

Pursuant to the requirements of 16 Tex. Admin Code § 25.96 (TAC), each utility is required to file annually on May 1st a report summarizing its vegetation management activities.

Plan Summary for calendar year ending December 31, 2023.

1. A. Summarize the vegetation management goals and the method the utility employs to measure its progress.

TNMP The goal of TNMP's vegetation management program is to provide safe and reliable transmission and distribution of electricity by controlling growth of non-compatible species and encouraging growth of compatible species under, on, or adjacent to its facilities, rights-of-way, or easements. This is accomplished through adherence to Integrated Vegetation Management principles, which include mechanical, chemical, and cultural methods of control. The vegetation management program minimizes tree-related interruptions, adheres to ANSI Z133.1 and A300 standards and follows NESC Section 218. Other goals and objectives include positive customer relations, adherence to all regulatory and legal requirements, and support of public and worker safety through maintenance of adequate clearances between conductors and vegetation.

TNMP monitors its progress through the analysis of tree-related outage data collected, percent completion of planned work and regular site visits. TNMP monitors safety-related statistics to ensure work is being completed in a safe and efficient manner. TNMP utilizes vegetation management methods that are the most cost effective to ensure the best use of limited resources.

1. B. What are TNMP's trimming clearances and scheduling approach?

TNMP TNMP employs a vegetation management program that relies on trained arborists and dedicated Clearion GIS software to determine those circuits whose condition requires clearing. Currently, TNMP's best practices identify diseased, dead, and structurally compromised trees and mitigate such hazards from its easements and rights-of-way.

At current budget levels, TNMP uses a condition-based approach which allows the Company to effectively management the costs associated with these activities. The approach incorporates mowing and herbicide treatment, while addressing hazard tree removal and tree-trimming based on site inspections and outage incidents.

TNMP's vegetation management program uses a system-wide, GIS-based software solution from Clearion Software to improve efficiency by interfacing TNMP's