

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, 2023, TNMP owns 10,274 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, 2023, TNMP has 274,150 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 2024 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 2024 Budget Breakdown 16 TAC § 25.96

marked **Exhibit B**.

Section 2 Implementation Summary for calendar year 2023.

2. A. Please summarize whether TNMP met its 2023 vegetation maintenance goals and how those goals have changed for calendar 2024 based on the results.

TNMP

The total vegetation caused SAIDI for TNMP in 2023 was 30.03 minutes. TNMP will continue efforts to minimize reactive work and keep a focus on preventive maintenance in calendar 2024.

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 2023, 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 31% of all work in 2023. 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 2024 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: **83.5** hours.

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

TNMP Please see attached spreadsheet named

TNMP 2023 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 2023 in the Service Quality Report (Docket 47294) at both the feeder and company level.**

TNMP Please see attached spreadsheet named
TNMP 2023 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 (2023 pursuant to clause (1)(I), with totals for each category and subcategory;**
 - II) The actual expenditures (2023) 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 2023 Budget Summary 16 TAC § 25.96
marked **Exhibit E**.

2024 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Complete	% Remaining	PUCT Worst Performer?	Notes
North Texas						
<i>Lewisville</i>						
Lewisville	LW1235	6.03	6.03	0%	yes	inspection / condition based maintenance
Lewisville	LW1221	10.68	5	-53%	yes	inspection / condition based maintenance
Lewisville	LW1108	6.91	0	-100%	no	inspection / condition based maintenance
Lewisville	LW1109	5.66	0	-100%	no	inspection / condition based maintenance
Lewisville Total		29.28	11.03	62%		
<i>North Texas - West</i>						
Graham	GN12605	31.66	0	-100%	yes	inspection / condition based maintenance / tree outage locations
Nocona	NC13374	82.98	0	-100%	yes	inspection / condition based maintenance / tree outage locations
St Jo	STJO15757	20.09	0	-100%	no	inspection / condition based maintenance / tree outage locations
69kv Trans line (Nocona to St Jo)	NT06909	2.74	0	-100%	no	inspection / condition based maintenance (if funds available)
69kv Trans line (Nocona to St Jo)	NT06910	13.73	0	-100%	no	inspection / condition based maintenance (if funds available)
NTX - West total		151.2	0	100%		
<i>North Texas - East</i>						
Deport	BG22164	60.57	0	-100%	yes	Mainline/backbone trimming
Bogata	BG2252	79.45	0	-100%	yes	Mainline/backbone trimming
Tulco	BG2229 (Parent feeder)	4.07	0	-100%	yes	inspection / condition based maintenance / tree outage locations
	BG13399 (BG2229)	11.37	0	-100%	yes	inspection / condition based maintenance / tree outage locations
	BG13932 (BG2229)	2.78	0	-100%	yes	inspection / condition based maintenance / tree outage locations
	BG13402 (BG2229)	5.44	0	-100%	yes	inspection / condition based maintenance / tree outage locations
69 KV Transmission (Bellis to Farmersville)	NT069 (01-07)	48.87	0	-100%	no	inspection / condition based maintenance (if funds available)
NTX - East total		212.55	0	100%		
NTX / LEW total		393.05	11.03	97%		
<i>West Texas</i>						
West Texas						
No work scheduled in 2024						
Central TX						
<i>Central Texas</i>						
Glen Rose	GE22295	35.4	35.4	0%	Yes	On trees list and all causes list for 2023. Begin full maintenance on whole circuit 2023 - completed January 2024.

Clifton #2	CL23165	8.2	8.2	0%	Yes	On trees list and all causes list for 2023. Worked full maintenance. Completed August 2023.
Gatesville	GT426	6.4	6.4	0%	No	Worked full maintenance on whole circuit for cutover project. Completed March 2024.
Gatesville	GT22160	15.2	0	100%	Yes	Repeat feeder on all causes SAIDI list. Plan to address locations identified on main feeder and in-town Levita.
Meridian	MR23210	67.7	7	92%	No	Plan to address in-town Meridian, Morgan, and Kopperl, as well as locations on main feeder identified by line patrol.
Walnut Spring	MR2215	21.8	0	100%	Yes	Ranked # 12 on trees list. Plan to address main feeder and taps with most customers.
Walnut Spring	MR2210	17	0	100%	No	Trim main feeder from Walnut Springs to Hico. Will add in-town taps as needed if time allows at end of year.
Hill County	WR22125	16	0	100%	No	Trim main feeder from Rio Vista to Blum. Will add in-town taps as needed if time permits at end of year.
Strawn	SR1447	14	14	0%	No	Worked full maintenance on Strawn section of circuit for cutover project. Completed April 2024.
Total Central TX		219.70	69.00	69%		

Gulf Coast

Scheduled	Feeder	Mileage	Mileage Complete	% remaining	PUCT Worst Performer?	Notes
<i>Mainland</i>						
Dickinson Substation	1272	21.35	0	100	yes	complete trim
Freeway Park Substation	1103	19.86	0	100	yes	complete trim
Dickinson Substation	1267	25.59	0	100	yes	complete trim
Total Mainland		66.8	0	100%		
<i>Bay Area</i>						
Friendwood Substation	1252	17.24	0	100	yes	complete trim
Alvin Substation	1231	20.74	0	100	yes	complete trim
Friendwood Substation	1253	3.13	3.13	0	yes	Complete trim in Q1 by february 28
League City Main	1282	21.81	0	100	yes	if time and resources allow-
Total Bay Area		62.9	3.13	95%		
<i>Brazos</i>						
Brazoria Substation	1271	66.16	0	100	yes	Combination of chemical pruning and mechanical pruning (complete trim)
Brazoria Substation	1270	39.27	0	100	yes	Combination of chemical pruning and mechanical pruning (complete trim)
Old Ocean Substation	1262	45.92	0	100	yes	Combination of chemical pruning and mechanical pruning (complete trim)
Total Brazos		153.35	0	100		
Total Gulf Coast		283.07	3.13	99%		
GRAND TOTAL		895.80	83.16	91%		

EXHIBIT B

TNMP 2024 Budget Breakdown 16 TAC § 25.96

**2024 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	\$2,912,826	\$233,963	\$183,963	\$183,963	\$183,963	\$283,963	\$283,963	\$283,963	\$283,963	\$283,963	\$233,963	\$233,963	\$239,237	\$2,912,826
Unscheduled Maintenance	\$1,259,264	\$104,939	\$104,939	\$104,939	\$104,939	\$104,939	\$104,939	\$104,939	\$104,939	\$104,939	\$104,939	\$104,939	\$104,939	\$1,259,264
Tree Risk Management	\$489,600	\$40,800	\$40,800	\$40,800	\$40,800	\$40,800	\$40,800	\$40,800	\$40,800	\$40,800	\$40,800	\$40,800	\$40,800	\$489,600
Emergency/Post Storm	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTALS	\$4,661,690	\$379,701	\$329,701	\$329,701	\$329,701	\$429,701	\$429,701	\$429,701	\$429,701	\$429,701	\$379,701	\$379,701	\$384,975	\$4,661,690

Budget - North TX

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	\$1,115,674	\$84,200	\$34,200	\$34,200	\$34,200	\$134,200	\$134,200	\$134,200	\$134,200	\$134,200	\$84,200	\$84,200	\$89,474	\$1,115,674
Unscheduled Maintenance	\$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
Tree Risk Management	\$129,600	\$10,800	\$10,800	\$10,800	\$10,800	\$10,800	\$10,800	\$10,800	\$10,800	\$10,800	\$10,800	\$10,800	\$10,800	\$129,600
Emergency/Post Storm	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTALS	\$1,305,274	\$100,000	\$50,000	\$50,000	\$50,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$100,000	\$100,000	\$105,274	\$1,305,274

Budget - Central/West TX

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	\$751,728	\$62,644	\$62,644	\$62,644	\$62,644	\$62,644	\$62,644	\$62,644	\$62,644	\$62,644	\$62,644	\$62,644	\$62,644	\$751,728
Unscheduled Maintenance	\$153,840	\$12,820	\$12,820	\$12,820	\$12,820	\$12,820	\$12,820	\$12,820	\$12,820	\$12,820	\$12,820	\$12,820	\$12,820	\$153,840
Tree Risk Management	\$120,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$120,000
Emergency/Post Storm	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTALS	\$1,025,568	\$85,464	\$85,464	\$85,464	\$85,464	\$85,464	\$85,464	\$85,464	\$85,464	\$85,464	\$85,464	\$85,464	\$85,464	\$1,025,568

Budget - Gulf Coast

Category	CT 376	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
Scheduled Maintenance	\$1,165,424	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$1,045,424
Unscheduled Maintenance	\$1,165,424	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$87,119	\$1,045,424
Tree Risk Management	\$240,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$240,000
Emergency/Post Storm	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTALS	\$2,330,848	\$194,237	\$194,237	\$194,237	\$194,237	\$194,237	\$194,237	\$194,237	\$194,237	\$194,237	\$194,237	\$194,237	\$194,237	\$2,330,848

2023 TNMP Work Plan

Scheduled	Feeder	Mileage	Mileage Complete	% Remaining	PUCT Worst Performer?	Notes
North Texas						
<i>Lewisville</i>						
Lewisville	LW1102	7.26	7.26	0%	yes	Full trim
Lewisville	LW1103	13.78	13.78	0%	yes	Condition based maintenance
Lewisville	LW2508	11.72	11.72	0%	yes	Condition based maintenance
Lewisville Total		32.76	32.76	0%		
<i>North Texas - West</i>						
Graham to Bryson	ON12605	15	15	0%	yes	Mainline - HWY 380
Ringgold	RIG23774	24.9	24.9	0%	yes	Condition based maintenance
Nocona	NC12486	10.33	10.33	0%	yes	Condition based maintenance (Nocona in town)
Pilot Point	PL2608	25	25	0%	no	Condition based maintenance
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		85.88	85.88	0%		
<i>North Texas - East</i>						
Talco	BG22237	8.42	8.42	0%	no	Condition based maintenance
Deport	BG22164	10	10	0%	no	Condition based maintenance (town of Deport)
Blossom	BG2203	75	71	-5%	yes	95% Full trim - target tree caused outage locations
Blue Ridge	BR22700	10	10	0%	yes	Town of Blue Ridge complete - outgate locations targeted
Princeton	PI2234	5	0	-100%	no	deferred
Whitewright	WW12574	10	10	0%	no	Pilot Grove Area targeted as well as outage locations
Trenton	FR4236	8.42	8.42	0%	no	full trim
Trenton	TR4120	5.42	5.42	0%	no	full trim
Total NTX East		132.26	123.26	7%		
Total NTX		250.90	241.90	4%		

West Texas

No work scheduled in 2023

Central TX

Central Texas

Glen Rose	GE22305	54.1	54.1	0%	Yes	On all causes SAIFI. Trimmed main feeder and taps identified on line patrol. Completed March 2023
	GE22295	35.4	35.4	0%	Yes	Full maintenance trim on entire circuit. Completed January 2024
Hamilton	HM24015	54	54	0%	Yes	On all causes SAIFI list. Condition based maintenance main feeder and taps identified on line patrol. Completed September 2023.
Transmission	CT06901	7.6	7.6	0%	No	Mowed and trimmed entire line. Completed April 2023
	CT06902	14.3	14.3	0%	No	Mowed and trimmed entire line. Completed May 2023
	CT06905	23.7	23.7	0%	No	Mowed and trimmed entire line. Completed May 2023
Walnut Spring	MR25925	14.3	14.3	0%	Yes	Trimmed main feeder and taps identified on line patrol. Completed December 2024
Gatesville	GT22365	50.12	50.12	0%	Yes	Trimmed main feeder and taps identified on line patrol. Completed August 2023.
		253.52	253.52	0%		
Total Central TX		253.52	253.52	0%		

Gulf Coast

Mainland

Texas City	TC 1224	14.89	14.89	0%	yes	Completely trimmed, Tree Growth Regulator and Herbicide to brush applied
Texas City	TC 1292	6.64	6.64	0%	yes	Completely trimmed, Tree Growth Regulator and herbicide to brush applied
Texas City	TC 1102	14.18	1	93%	yes	Conditioned based maintenance and Capital projects only
Texas City	TC 1101	17.98	1	94%	yes	Conditioned based maintenance and capital projects only
Total Mainland		53.69	23.53	56%		

Bay Area

Alvin	AL 1117	45.16	45.16	0%	yes	Completely trimmed and completed in Q1 of 2024
Alvin	AL 1115	46.82	0.5	99%	yes	Conditioned based maintenance
Alvin	AL 1259	10.99	10.99	0%	yes	Completely trimmed, Tree Growth Regulator applied and herbicide to brush applied.
Friendswood	FI 1251	16.87	0.5	97%	yes	Conditioned based maintenance
Total Bay Area		119.84	57.15	52%		

Brazos

West Columbia	WC 1235	55.53	23	59%	Yes	Utilized chemical pruning with a drone and conditioned based maintenance
West Columbia	BZ 1290	20.15	20.15	0%	Yes	Completely trimmed, Tree Growth Regulator applied and herbicide to brush applied.
	SW 1129	35.15	0.5	99%	Yes	Conditioned based maintenance
Transmission	Angleton-WC-SW	77	75	3%		Mow, foliar and basal herbicide.
Total Brazos		187.83	118.65	37%		

Total Gulf Coast 361.36 199.33 45%

GRAND TOTAL	614.88	452.85	26%
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**TEXAS-NEW MEXICO POWER COMPANY
2023 VEGETATION CAUSED OUTAGES**

FORCED SYSTEM SAIDI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
30.0386	1.4583	0.8184	1.9379	1.9777	4.8335	7.7235	2.1474	0.8411	3.2643	1.3879	1.8436	1.8051

FORCED SYSTEM SAIFI

Annual	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
0.3232	0.0133	0.0107	0.023	0.0146	0.0421	0.0662	0.0234	0.0122	0.0438	0.022	0.0244	0.0275

TNMP 2023 Budget Summary 16 TAC § 25.96

	(G)(I)(I)	(G)(I)(II)	(G)(I)(III)	(G)(I)(IV)	(G)(II)	(G)(III)	(G)(IV)	(G)(V)
	BUDGET (2023)	ACTUAL (2023)	PERCENT OF BUDGET	ACTUAL EXPENDITURES FOR PRECEDING REPORTING YEAR (2022)	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	\$ 3,094,060.00	\$ 5,552,404.50	179.45%	\$6,644,725.00	Additional funding focused on Veg Mgmt activities.	\$ 20.69	\$20.69	
Unscheduled Maintenance	\$ 1,388,340.00	\$ 2,607,498.50	187.81%	\$2,762,763.00	Larger number of reactive tickets worked.	\$ 9.71	\$9.71	
Tree Risk Management	-	\$ -	0.00%	-		\$ -	\$ -	
Emergency/ Post Storm		\$ -	0.00%			\$ -	\$ -	
Total	\$ 4,482,400.00	\$ 8,159,903.00	182.04%	\$9,407,488.00	Additional funding focused on Veg Mgmt activities.	\$ 33.25	\$30.40	\$ 4,413,880.00

¹ TNMP reports the expenditures per number of ultimate end-use customers (268,394) 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.