

26th Street Substation Service Improvement Plan

September 16, 2024 - Update

To date, progress on the 26th Street Substation Service Improvement Plan has been moving forward without incident. No unexpected anomalies have been reported, and all work has been proactive in nature.

45% of this plan is determined complete with **55%** remaining.

This report covers work completed from the initial release of the report until September 4, 2024.

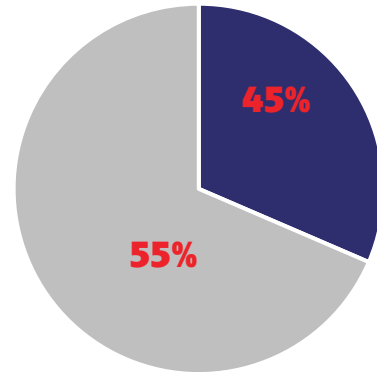
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Status Overview

The overall plan is moving forward as outlined, with crews having not identified any major issues with the plan or in our system thus far. This report outlines all work completed through September 4, 2024.

Plan Status

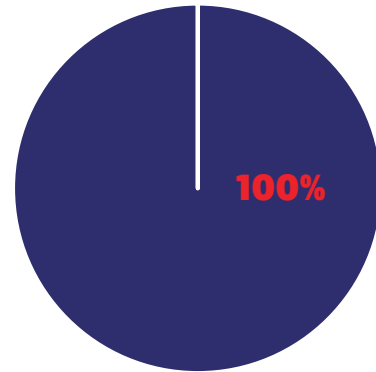


Action	Responsible Party	Status	% Complete
Substation Ground Grid			
26th Street Ground Grid	N. Samyn	Complete	100%
Substation Fortification			
Substation Fortification	N. Samyn	Complete	100%
Circuit Inspections / Repairs			
Circuit 1 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	In Progress	3%
Circuit 2 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	In Progress	2%
Circuit 3 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	In Progress	68%
Circuit 4 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	In Progress	90%
46kV - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	Complete	100%
Vegetation Maintenance			
Circuit 1 - Vegetation Maintenance	M. Steele	Not Started	0%
Circuit 2 - Vegetation Maintenance	M. Steele	Not Started	0%
Circuit 3 - Vegetation Maintenance	M. Steele	In Progress	52%
Circuit 4 - Vegetation Maintenance	M. Steele	In Progress	82%
46kV Improvements			
46kV Metering Tower	B. Doran, P. Helmreich, R. Schlitt, N. Samyn	Not Started	0%
46kV Switching	B. Doran, P. Helmreich, R. Schlitt, N. Samyn	Not Started	0%

Ground Grid

All necessary ground grid work at the 26th Steet Substation has been completed ahead of schedule.

Goal Status



Goal Status

Substation Ground Grid			
26th Street Ground Grid	N. Samyn	Complete	100%

Goal Risks

None encountered to date.

Goal Timelines

Task Name	Duration	Start	Finish
Reinforce the 26th Street Substation Ground Grid	41 days	Mon 5/6/24	Mon 7/1/24

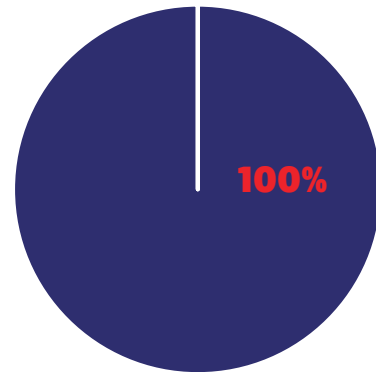
Notes

Additional ground grid work will be conducted for the 46kV metering tower task. However, all necessary work for this goal has been completed.

Substation Fortification

All necessary substation fortification tasks have been completed. This task came in shortly behind schedule due to supply chain issues.

Goal Status



Goal Status

Substation Fortification			
Substation Fortification	N. Samyn	Complete	100%

Goal Risks

No additional goal risks are expected.

Goal Timelines

Task Name	Duration	Start	Finish
Substation Fortification	23 days	Tue 7/2/24	Thu 8/1/24

Notes

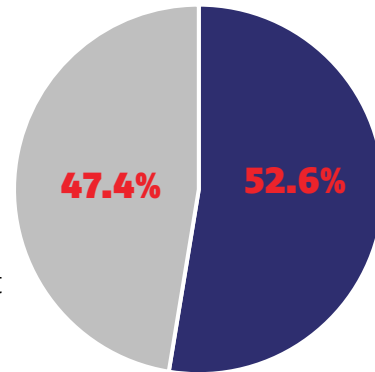
Animals may still find ways by creating new entry points by digging under the fence or finding new and creative ways to enter. We will continue to monitor and address as necessary.

Circuit Inspection / Repairs

Crews continue to work diligently to complete the outlined circuit inspections. We believe we will miss the deadline we established for Circuit 1 by a couple of days due to staffing and the recent storm. However, we are ahead of schedule for this goal.

Crews had previously completed inspecting the 46kV circuit that feeds the 26th Street Substation, and no repairs were needed.

Goal Status



Goal Status

Circuit Inspections / Repairs			
Circuit 1 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	In Progress	3%
Circuit 2 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	In Progress	2%
Circuit 3 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	In Progress	68%
Circuit 4 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	In Progress	90%
46kV - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	Complete	100%

Goal Risks

As we near the end of summer, staff have been taking vacations with their families before school started. The recent storm has also placed us slightly behind on Circuit 1.

Goal Timelines

Task Name	Duration	Start	Finish
46kV - Inspection & Repairs	30 days	Mon 6/17/24	Fri 7/26/24
Circuit 4 - Inspection & Repairs	60 days	Mon 6/17/24	Fri 9/6/24
Circuit 3 - Inspection & Repairs	60 days	Mon 9/9/24	Fri 11/29/24
Circuit 2 - Inspection & Repairs	60 days	Mon 12/2/24	Fri 2/21/25
Circuit 1 - Inspection & Repairs	60 days	Mon 2/24/25	Fri 5/16/25

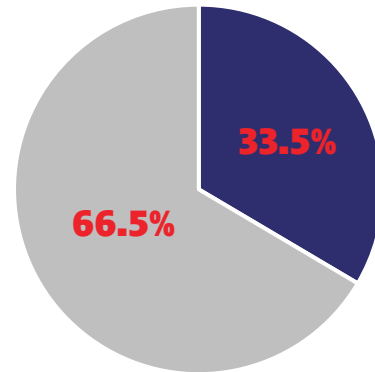
Notes

No additional notes to report.

Vegetation Maintenance

Recently, our sole tree crew was reassigned to focus efforts on Circuit 2 so that line crews could perform their work. The reassignment, in conjunction with staffing issues, has caused us to fall behind on Circuit 1. However, we are ahead of schedule for this goal..

Goal Status



Goal Status

Vegetation Maintenance			
Circuit 1 - Vegetation Maintenance	M. Steele	Not Started	0%
Circuit 2 - Vegetation Maintenance	M. Steele	Not Started	0%
Circuit 3 - Vegetation Maintenance	M. Steele	Ahead	52%
Circuit 4 - Vegetation Maintenance	M. Steele	Lagging	82%

Goal Risks

We are still experiencing a temporary crew reduction. We have reassigned the remaining crew member to an existing crew and posted the vacant position. We are still seeking qualified candidates.

Goal Timelines

Task Name	Duration	Start	Finish
Circuit 4 - Vegetation Maintenance	60 days	Mon 6/17/24	Fri 9/6/24
Circuit 3 - Vegetation Maintenance	60 days	Mon 9/9/24	Fri 11/29/24
Circuit 2 - Vegetation Maintenance	60 days	Mon 12/2/24	Fri 2/21/25
Circuit 1 - Vegetation Maintenance	60 days	Mon 2/24/25	Fri 5/16/25

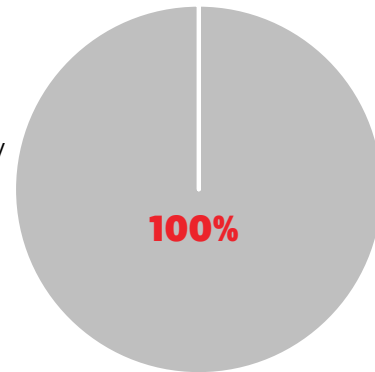
Notes

No additional notes to report.

46kV Improvements

This goal is not scheduled to begin until October 21, 2024. The reason for the delay is that the utility needs to feed customers served by this substation from a different substation while work is being conducted. With high energy demands during the summer, it is not conducive to shifting loads.

Goal Status



Goal Status

46kV Improvements			
46kV Metering Tower	B. Doran, P. Helmreich, R. Schlitt, N. Samyn	Not Started	0%
46kV Switching	B. Doran, P. Helmreich, R. Schlitt, N. Samyn	Not Started	0%

Goal Risks

None encountered to date.

Goal Timelines

Task Name	Duration	Start	Finish
46kV Metering Tower	181 days	Mon 10/21/24	Mon 6/30/25
46kV Switching	181 days	Mon 10/21/24	Mon 6/30/25

Notes

No additional notes to report.

Communication Strategies

Internal Stakeholder Meetings

A formal internal discussion will take place bi-weekly with all internally responsible parties. During this meeting, we will discuss the progress of each outlined area. Based on these discussions, we will provide a status update report to the City Commission as outlined below.

External Stakeholder Updates

A status update report will be included in the agenda for the second commission meeting of each month.

2024 Dates

July 15, 2024

August 26, 2024

September 16, 2024 – **This Report**

October 21, 2024

November 25, 2024

December 16, 2024

2025 Dates

These dates will be announced near the end of 2024 when the City Commission approves the 2025 schedule.