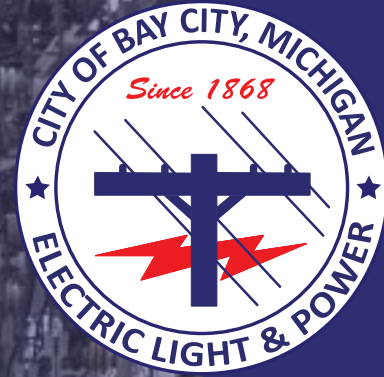


Prepared for:
Bay City Commission

Update Issued:
07.15.2024

Date of Validity:
06.26.2024



ACTION PLAN **STATUS UPDATE**

26th Street Substation Service Improvements

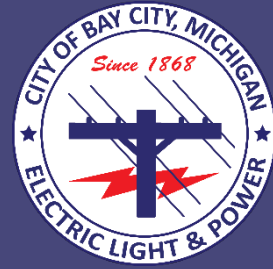
This action plan shall serve as the foundation to investigate and address any outstanding issues that may have the potential to cause service interruptions in the 26th Street Substation service area.

Contact:

Bay City Electric Light & Power
www.baycitymi.gov/electric

Address:

900 S. Water Street
Bay City, Michigan 48708



26th Street Substation Service Improvement Plan

July 15, 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.

25% of this plan is determined complete with **75%** remaining.

This report covers work completed from the initial release of the report until June 26, 2024.

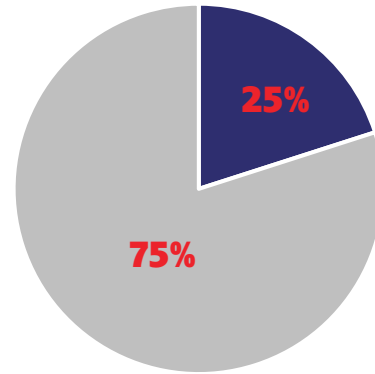
Table of Content

Status Overview	3
Ground Grid	4
Substation Fortification	5
Circuit Inspection / Repairs	6
Vegetation Maintenance	7
46kV Improvements	8
Communication Strategies.....	9

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 June 26, 2024.

Plan Status

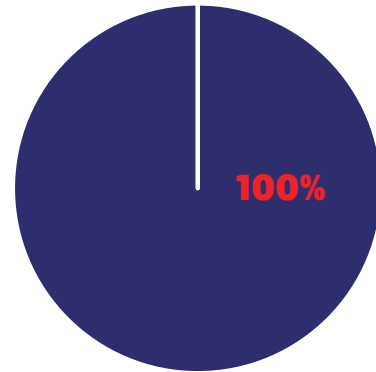


Action	Responsible Party	Status	% Complete
Substation Ground Grid			
26th Street Ground Grid	N. Samyn	Complete	100%
Substation Fortification			
Substation Fortification	N. Samyn	In Progress	90%
Circuit Inspections / Repairs			
Circuit 1 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	Not Started	0%
Circuit 2 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	Not Started	0%
Circuit 3 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	In Progress	19%
Circuit 4 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	In Progress	48%
46kV - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	In Progress	50%
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	Not Started	0%
Circuit 4 - Vegetation Maintenance	M. Steele	In Progress	19%
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

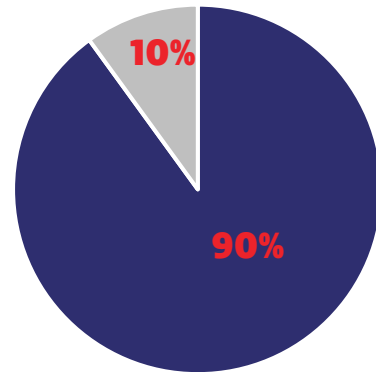
Notes

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

Our fortification of the 26th Street Substation is nearly complete. Every effort was made to reduce the ability of wildlife to gain entry into the substation. Please note that 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.

Goal Status



Goal Status

Substation Fortification			
Substation Fortification	N. Samyn	On Track	90%

Goal Risks

Supply chain issues have delayed the delivery of animal guards for the overhead wires. Further delay may place this goal behind schedule. Once we receive the equipment, it will be installed, and this goal will be completed.

Goal Timelines

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

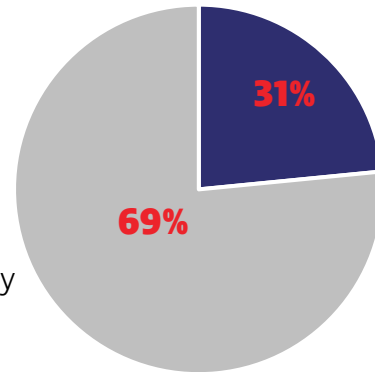
Notes

No additional notes to report.

Circuit Inspection / Repairs

Crews are nearly 50% complete with their inspection and repairs on circuit 4, and additional crews have begun the inspection and repair process on circuit 3. Crews have also been inspecting the 46kV circuit that feeds the 26th Street Substation. No anomalies have been identified so far, and any maintenance performed is out of an abundance of caution.

Goal Status



Goal Status

Circuit Inspections / Repairs			
Circuit 1 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	Not Started	0%
Circuit 2 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	Not Started	0%
Circuit 3 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	Ahead	19%
Circuit 4 - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	On Track	48%
46kV - Inspection / Repairs	B. Doran, P. Helmreich, R. Schlitt	On Track	50%

Goal Risks

None encountered to date.

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

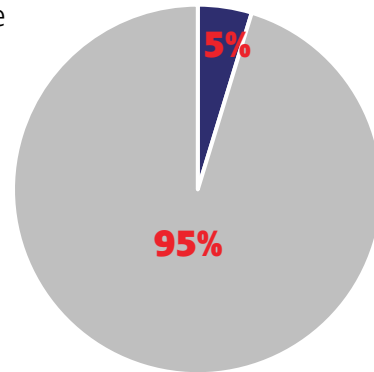
Notes

No additional notes to report.

Vegetation Maintenance

Crews have completed 19% of their vegetation maintenance on circuit 4. Crews are aggressively trimming any trees that could potentially pose a threat to the power lines. Progress has progressed slightly slower than expected as we work through a staffing issue.

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	Not Started	0%
Circuit 4 - Vegetation Maintenance	M. Steele	Lagging	19%

Goal Risks

We recently had a staff member resign, resulting in a temporary reduction of a crew. We have reassigned the remaining crew member to an existing crew and posted the vacant position.

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

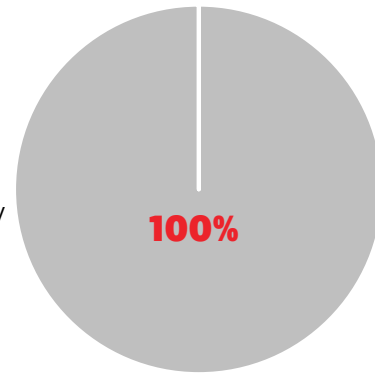
Notes

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 – **This Report**

August 26, 2024

September 16, 2024

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.