



Item Cover Page

MEETING TYPE: Board of Alderman

DATE: October 14, 2024

SUBMITTED BY: Michael D. Ambrose, Town Manager

ITEM TYPE: Considerations

AGENDA SECTION: Considerations

SUBJECT: **Consider Approval of New Substation to Increase Capacity and Provide Redundancy of Our Electric System**

DETAILS:

Consider Approval of a New Electric Substation for the Town of Landis, that is recommended to be housed at the current Public Works Facility. Over the past year, the Town has been in contact with Electricities to increase the capacity of the town's current electric substation. This increase is necessary for the town's electric system to grow, and continue to serve new development in the area. Considering the age of the current substation, it has been recommended to construct a new substation, which will allow for redundancy within the town's electric system. The redundancy will allow for one substation to remain online, while performing outage work on the other substation in the future. This redundancy will not be simultaneous, however it will allow citizens to be back online within a few minutes. The substation is slated to cost between 3.5, and 4.1 million dollars given inflation over the next few years.

If approved tonight, this will allow us to move forward with constructing the substation plans, and getting those plans approved by Electricities. This will also allow for us to procure a contractor to construct this substation, and allow us to move forward with Southeastern Consulting as the town's Electrical Engineer on the project. This project will have to go through several approvals with NCDEQ as well. We anticipate this project taking three to four years to complete.

I make the recommendation to support the new Electric Substation for the Town, in order to serve new development, and allow for redundancy/stability for all electric customers.