CITY OF NEENAH
SPECIAL MEETING
PUBLIC SERVICES AND SAFETY COMMITTEE MEETING
October 19, 2022 @ 5:30 PM
City Hall, 211 Walnut Street
Council Chambers

NOTICE IS HEREBY GIVEN, pursuant to the requirements of Wis. Stats. Sec. 19.84, that a majority of the Neenah Common Council may be present at this meeting. Common Council members may be present to gather information about a subject over which they have decision-making responsibility. This may constitute a meeting of the Neenah Common Council and must be noticed as such. The Council will not take any formal action at this meeting.

A G E N D A

1. Police Department Building Expansion-Follow-Up Generator Discussion (Attachment)
2. Adjournment

In accordance with the requirements of Title II of the Americans with Disabilities Act (ADA), the City of Neenah will not discriminated against qualified individuals with disabilities on the basis of disability in its services, programs, or activities. If you need assistance, or reasonable accommodation in participating in this meeting or event due to a disability as defined under the ADA, please call the **Public Works Administrative Assistant at (920)886-6240** or the **City's ADA Coordinator at (920)886-6106 or e-mail attorney@ci.Neenah.wi.us** at least 48 hours prior to the scheduled meeting or event to request an accommodation.

CITY OF NEENAH
POLICE DEPARTMENT

Aaron L. Olson
Chief of Police

2111 Marathon Avenue
Neenah, Wisconsin 54956

Memo

To: Alderperson Cari Lendrum, Chair
Public Services and Safety Committee
Mayor Jane Lang

From: Chief Aaron L. Olson *ALO*

Date: October 14, 2022

Re: **Updated information pertaining to the Neenah Police Department generator**

On October 11, 2022, the Public Safety Committee posed three questions regarding further investigation into the emergency power generation equipment for the Neenah Police Station, which were:

1. What would a smaller generator tied only to the new addition cost?
2. What would replacement of the current generator cost?
3. How long will the current generator last?

Our assigned Project Manager from Miron Construction, Matt Scharenbroch, sent me the following information via email:

> In discussion with the engineering and building maintenance team, question 1 and 2 have the same solution. The current generator is an uncommon type, water cooled via potable water to drain. A new generator would need to be cooled with louvers to the exterior and fans. This requirement will not allow us to replace the current generator in its current location. In moving the generator, the logical location is to move it next to the transformer. This is the same location we would need to utilize if a smaller generator is selected.
>
> Sizing the generator presents us some unique challenges as well. The current generator is a 100kW generator. That generator size is the best size from a $/kw perspective. With that in mind, as well as the consideration if the current generator fails we would need to provide a similar routing to replace it, the teams determined the generator should be sized at 100kW would be the best size for both scenarios.
>
> Installation of a generator in the new location will require building a small masonry wall between the generator and the transformer. We would propose finishing that area off with a wall on the other side, between the existing condenser and generator and finally adding a chain-link gate with privacy slats.

Per your discussion with Paul yesterday, you would be providing the answer to question #3 above based on your review of the existing generator with your facilities management team.

In summary, the three options involving the generator are:

1. Put emergency egress fixtures on battery backup and leave the existing generator alone. The training center would not have emergency power. The value of this option is $12,000 and is included in the current budget.

2. Leave the existing generator in place but bring it up to code. This would provide emergency lighting throughout the addition and emergency power in the training room. The budget for this option is $43,000.

3. Install new generator to work in a primary/standby configuration with existing generator to take over when the old generator fails. This option would involve bringing the existing emergency feeds up to code, installing a new generator outside the building, and construction of the necessary barrier wall and enclosure. The budget for this option is $255,000.

On October 14, 2022 at 1:28PM, I, Chief Aaron L. Olson, sent this committee the following information via email:

"One thing I did want to pass along to this group was information pertaining to our existing generator. Per our Accreditation, the generator has to be checked monthly. John Keesler does this for us by turning it on once a month, and running it for 15 minutes and he conducts the monthly maintenance on it. He said that our generator will out last our building.

The generator is a Ford LSG-875, 3500 engine, that runs on natural gas. It is an "8 cylinder, liquid cooled engine, 460 cubic inch displacement, 173 HP & 1800 RPM, 12 volt starting system, and electronic governor." John Keesler said that one thing that was done right when this police building was built 30 years ago, was the generator they choose. In the past, when we asked John if the generator needs to be added to the five year CIP, he always said no. I never asked him why, so this information was enlightening to me."