

Conneaut School District

Buildings and Grounds AD-HOC Committee Meeting  
April 4, 2019

1. Meeting was attended by: Tim McQuiston (Committee Chair)

Jamie Hornstein

John Burnham

Frank Kimmel

James Mistretta (Smartedge)

Gary Jacobs

Bill Everson

2. Discussion was had on the top six maintenance issues. They were as follows:

1. Alice Shaffer Generator. The generator at Alice Shaffer is very old and requires diesel fuel to operate. There is an underground tank buried on the property that presents issues of its own. The maintenance on the generator is costly and the generator is very old. It was not part of the previous upgrades at the school.

2. Alice Shaffer Heating Boiler. The boiler that is installed at the Alice Shaffer building is the original boiler. Although the boiler has been well maintained. It is very old and the efficiency rating of the boiler is 70% to 75% at best.

3. Conneaut Lake Elementary Generator. Although this generator is running. It is very old and has minimum capabilities as far as what it is capable of running in the event of a long term outage.

4. Conneaut Lake Elementary Life Skills room 116. This room was originally not designed as a life skills room. Requirements of the room for special need students require that air conditioning be installed.

5. Conneaut Valley Elementary Watt Stopper Lighting Issues. The lighting system that was put in during the school consolidation has been an ongoing problematic issue. The lighting system is overdesigned and its complexity causes many issues with keeping the lights on.

6. CASH Domestic Boiler. As time where's on. So does the boilers age. In accordance with past problems a hard look need to be taken at the future of this boiler.

## Possible Resolutions:

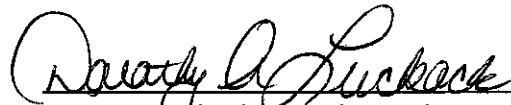
1. Alice Shaffer Generator.
  1. Direct replacement of the generator and removal of the tank with the district absorbing the cost.
  2. Smartedge proposed the possibility of designating the building as a community emergency shelter and look for possible grant money to absorb the cost. As we always offer our facilities in the need of a natural disaster such as the rolling fields nursing home tornado. This would be a good option if the money is available.
  3. Look into the possibility of absorbing the cost in an Energy Performance Contract.
  
2. Alice Shaffer Heating Boiler.
  1. Direct replacement of the boiler with the district absorbing the cost.
  2. Look into the possibility of absorbing the cost in an Energy Performance Contract while adding a more efficient boiler or possibly two smaller more efficient boilers to offset cost.
  
3. Conneaut Lake Elementary Generator.
  1. Direct replacement of the generator and removal of the tank with the district absorbing the cost.
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  3. Look into the possibility of absorbing the cost in an Energy Performance Contract.
  
4. Conneaut Lake Life Skills Room 116.
  1. Possible purchase and installation of high efficiency Mitsubishi ductless split heat pump to replace the existing fan coil unit.
  2. Look into the possibility of absorbing the cost in an Energy Performance Contract.
  
5. Conneaut Valley Elementary Watt Stopper Lighting Issues.
  1. Possible removal of the main board in the control system and retrofitting the lighting to the current EMS system.
  2. Modifications with the district absorbing the cost.
  3. Look into the possibility of absorbing the cost in an Energy Performance Contract.
  
6. CASH Domestic Boiler.
  1. Direct replacement of the boiler with the district absorbing the cost.

2. Look into the possibility of absorbing the cost in an Energy Performance Contract while adding a more efficient boiler or possibly two smaller more efficient boilers to offset cost.

Summary:

As there is no cost to the district to having Smartedge look into the possibility of utilizing the energy saving possibly derived from upgrading lighting and utilizing more efficient equipment to offset the cost of capital improvements. We have asked them to do so. It may also be advantages to the district to have Frank obtain budget numbers for each individual project in the case we may have to budget for them in the future.

  
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Tim McQuiston, Committee Chair

  
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Dorothy Luckock, Board President

  
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Greg Mayle, Board Secretary