



Stamford Public Schools
Board of Education, Facilities Management
888 Washington Boulevard, 3N
Stamford, Connecticut 06901

TO: City of Stamford Board of Finance Members

FROM: Kevin McCarthy, Director of Facility Operations, Stamford Public Schools

COPY: Dr. Tamu Lucero, Superintendent, Stamford Public Schools
Ryan Fealey, CFO, Stamford Public Schools
Anthony Romano, Management Analyst, City of Stamford OPM

DATE: February 2, 2023

RE: Capital Project (001313) Appropriation Request
District Wide Window AC Unit Project
Additional Information

This memorandum contains additional information as requested by Board of Finance Members at the January 19, 2023, meeting related to the Capital Appropriation Request for the District Wide Window AC Unit Project.

As requested, below is additional information related to energy consumption and estimated utility costs as well as information on rental units.

Energy Consumption and Estimated Utility Costs

Stamford Public Schools' Energy Procurement Service Provider, Competitive Energy Services, LLC. has reviewed the proposed locations of window ac unit installs. It is estimated by Competitive Energy Services, installing the 200 window ac units will result in the following increases:

- 337,920 kWh of additional energy consumption district wide
- \$65,000 of additional utility costs district wide based on a 8 hours per day, 5 days a week, 4 months usage

Rental Units

Typical window ac units installed for classroom spaces throughout the district are 25,000 BTU units. Stamford Public Schools routinely rents 12,000 BTU Oceanaire Spot Cooler/Heater Units to supplement heating and cooling needs during equipment maintenance/repair down time. In consultation with United Rentals it is estimated Stamford Public Schools would need to rent 400 12,000 BTU units to provide the amount of cooling equal to the 200 window AC units.

The estimate rental cost for 400 units for 1 month is \$350,000 based on \$875/month rental fee. A 4 month rental is estimated to be \$1,400,000. The estimated cost to purchase and install 200 window AC units is \$300,000.