



CITY OF SOMERVILLE, MASSACHUSETTS
OFFICE OF SUSTAINABILITY AND ENVIRONMENT
JOSEPH A. CURTATONE
MAYOR

MEMORANDUM

To: Somerville City Council

From: Erik Larson, Energy Manager

Date: October 26, 2021

Re: Energy Stabilization Fund Disbursement

I respectfully request a disbursement of **\$74,326.85** from the Energy Stabilization Fund established April 2021 for the Office of Sustainability and Environment. This appropriation will be allocated for projects designed to reduce carbon emissions and energy costs of City operations. The projects identified are as follows:

- LED Lighting Conversion (Phase 2) – Albert F. Argenziano School
- Motorized Damper Replacement – Fire Station No. 4
- Transformer Replacement – Capuano Early Learning Center

Details regarding the costs and benefits of each project are outlined in Table 1 below.



| Energy Stabilization Fund Allocation | | | | | | | |
|--------------------------------------|-----------------------------|---------------------|--------------------|--------------------|--------------------|---------------------|----------------------|
| Project Name | Target Building | Project Costs | | | Annual Savings | | |
| | | Project Costs | Utility Incentive | Somerville Costs | \$ | Lbs CO ₂ | Simple Payback (yrs) |
| LED Lighting Conversion | Albert F. Argenziano School | \$99,864.85 | \$63,528.00 | \$36,336.85 | \$17,050.10 | 51,998 | 2.1 |
| Motorized Dampers | Fire Station #4 | \$34,010.00 | \$6,962.00 | \$27,048.00 | \$5,754.84 | 25 | 4.7 |
| Transformer Replacement | Capuano School | \$12,144.00 | \$1,202.00 | \$10,942.00 | \$1,442.16 | 4,398 | 7.6 |
| Totals | | \$146,018.85 | \$71,692.00 | \$74,326.85 | \$24,247.10 | 56,421 | 3.1 |

Table 1

