

Problem



- Addressing end of life for existing HVAC System at the Police Department (installed 2008 - 17 years old). Facility runs 24/7 and can't be down for any length of time.
- No longer manufacture parts or refrigerant used by system. Relying on existing inventory at increasing costs for materials.
- Completely operates on propane.
- Increasing service costs (FY25-\$2,471, FY24 \$975, FY23 \$3,600).
- Current repairs needed that we are holding off on (\$1,500-\$1,800).

Solution



- Replace system with electric Dual Fuel Heat pumps.
- Take advantage of rebate through Efficiency Maine of approximately \$17,500.
- Utilize solar energy to support system for approximately 10 months a year.
- Drastically reduce consumption of propane (average annual propane bill \$4,600).
- For the first time, manage system efficiently during cold season with ability to switch between electricity and propane.

Request



- Supplemental appropriation of approximately \$81,000 to replace system and control panels.
- Efficiency Maine Rebate is active for this quarter and would reduce project cost by an estimated \$17,500. Unknown if rebate will be offered again in 2026.
- CIP has this request in FY2028 for \$65,000. This would be removed if project is moved up.