

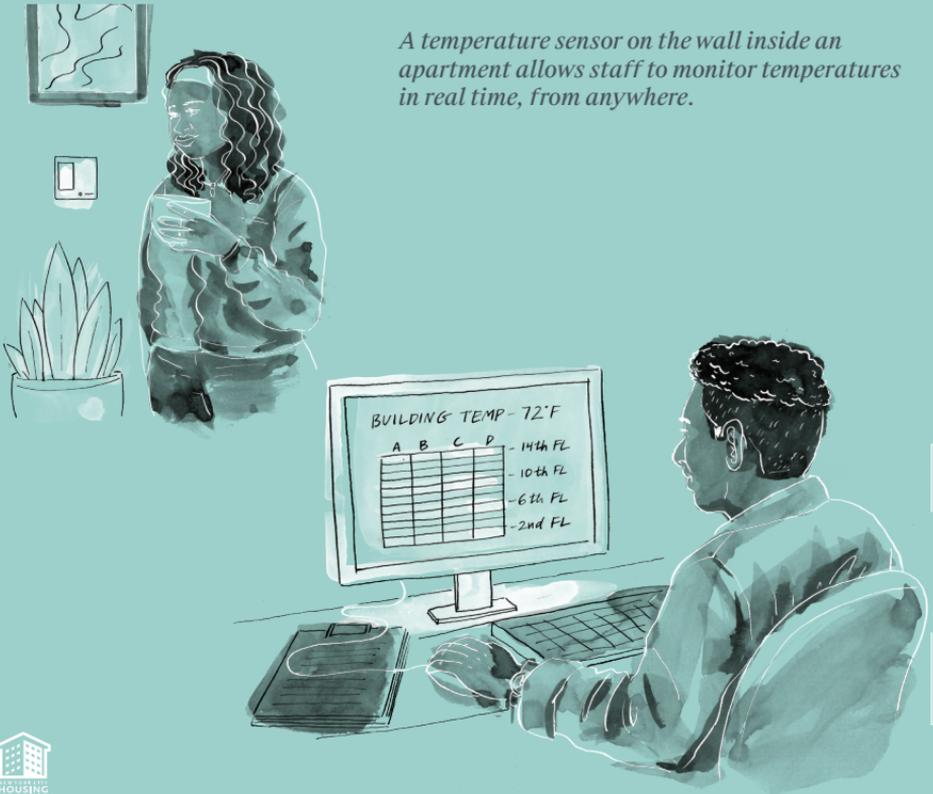
BUILDING MANAGEMENT SYSTEM (BMS)

Monitoring heat and hot water in real time

By installing apartment temperature sensors, NYCHA can monitor building temperatures and heating and hot water systems in real time. This system improves the distribution of heat throughout buildings, reduces

overheating and underheating, and makes the system more energy efficient. The BMS is used to monitor performance and safety of all types of equipment to ensure that problems are addressed in a timely manner.

A temperature sensor on the wall inside an apartment allows staff to monitor temperatures in real time, from anywhere.



GOALS

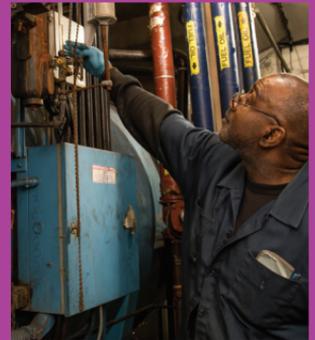
- Monitor and measure performance of heating and hot water systems from anywhere in the NYCHA network
- Recognize, report and implement solutions faster

IMPACTS

As part of the BMS program, NYCHA will install temperature sensors at all its developments. The BMS, and other heating upgrades, will contribute toward New York City's goal to reduce citywide greenhouse gas emissions by 80% by 2050.

NEXT STEPS

- BMS has been installed at 49 developments as of the end of 2021
- Complete the installation of BMS at Patterson, Soundview and South Jamaica Houses
- Start the installation of BMS at Atlantic Terminal, Wyckoff, Tompkins and Glenwood



NYCHA Heating Plant Technicians working on heating and hot water systems

Scan or click [here](#) for more information on this project

