

Sleep Country achieves significant results in 4-store pilot preceding portfolio-wide rollout

CASE STUDY



CONTEXT

Sleep Country piloted 4 buildings with BrainBox AI's solution offering and achieved impactful results. The intention was to implement a solution that accomplished energy reduction and lowered the company's carbon footprint across its entire portfolio. With 20,000 sq. ft. piloted, Sleep Country realized electricity and gas savings of 15% and 19% respectively, as well as a reduction of 15 tCO₂eq. After recognizing the results, the retailer committed to rolling out the solution in 230 of its locations across Canada.

About the buildings

LOCATION

QUEBEC, CANADA

TOTAL SQUARE FOOTAGE

20,000 (5,000 AVERAGE SQ. FT./STORE)*

HVAC EQUIPMENT CONTROLLED
ROOFTOP UNITS (RTU)

*first 4 stores

Sleep Country 4-store pilot
run-time reduction results (3 months)

STORE #	SAVINGS PER EQUIPMENT TYPE	
STORE 1	Fan	11.7%
	Gas Heat	37.3%
	Electric Heat	66.15%
STORE 2	Fan	13.6%
	Gas Heat	15.5%
STORE 3	Gas Heat	21.2%
STORE 4	Fan	25%
	Gas Heat	16%



-15%

reduction in HVAC equipment electricity



\$4,850

recognized energy savings per year



-19%

reduction in HVAC equipment gas consumption



15 tCO₂eq

reduction in carbon equivalency