



Figure 5.4 Annual heating energy cost savings of STB compared with no thermal break, CAD.

TABLE 5.4 ANNUAL COST SAVINGS OF STB VS NO THERMAL BREAK	
Climate Zone	Cost Savings
Zone 4: Vancouver	\$470
Zone 5: Toronto	\$410
Zone 6: Montreal	\$450
Zone 7A: Edmonton	\$680
Zone 7B: Whitehorse	\$3,990* (Using BC gas price: \$1,100)
Zone 8: Yellowknife	\$4,440* (Using BC gas price: \$1,200)

\*The high cost savings associated with Whitehorse and Yellowknife is due to the price of heating oil, which is significantly higher than the cost of gas used in all other locations. The cost savings using BC the natural gas price is also shown for comparison.

The energy and cost savings associated with use of the STB would be increased for building types where more details including the thermal break exist. For example, pre-cast concrete sandwich panel construction has to detail transitions at the perimeter of panels, and products such as the STB may be beneficial in this locations.