

Canada Bay Council Result

Fridge Buyback Program Report for Phases 1 & 2 for collection of 3,660 fridges between September 2006 and June 2007

Council	# Fridges Collected	Rank	Total Greenhouse Gas Emissions Avoided, t CO2	Estimated weight of metal recycled, kg	Estimated Total Lifetime Residents' Savings, \$	Estimated Residents' Savings Per Year, \$/year
	Total number of fridges collected in Phase 1 & 2 September 2006 to June 2007	Rank compared to 36 LGAs from where fridges were collected and based on # of separate houses in LGA	Total tonnes of greenhouse emissions avoided based on an average fridge life of 8 years as estimated by the Department of Energy, Utilities and Sustainability, plus GHG benefits of CFL lights and AAA showerheads distributed	Total kilograms of metal recycled, based on average of 90kg of metals recycled per fridge	Based on avoided greenhouse gas emissions, where 1MWh is equivalent to 0.9 tonnes greenhouse emissions, and current Tier II residential electricity price of approximately \$160/MWh plus \$35 Fridge Buyback rebate	Total estimated annual savings for residents from fridge removal, (Phase 1 CFL and AAA showerhead installation) over average 8 year life
Canada Bay	148	6th	1,338 t CO2	13,320 kg	\$189,440 electricity savings \$5,180 savings from Fridge Buyback rebate Total savings = \$194,620	\$23,680 / yr
Fridge Buyback Program Total Across all LGAs	3,660	Not applicable	33,086 t CO2	329,400 kg	\$4,684,800 electricity savings \$128,100 savings from Fridge Buyback rebate Total savings = \$4,812,900	\$585,600 / yr