



# Energy Savings: 25%

Administered by: Peace Marsh Energy Consultants



## Project – Computer Room

The Royal Bank of Scotland (RBS) site in West Edinburgh has an Airedale Alphacool Upflow with a nominal cooling capacity of 27.4 kW. The system cools a large computer room and runs 24/7. A baseline power consumption level without COOLNOMIX® was measured from February 5-14. From February 16-25, the system's power consumption was measured working with COOLNOMIX®.



Royal Bank of Scotland

Banking	Baseline	COOLNOMIX®	Energy Saved	
AC Unit	144 kWh	108 kWh	36 kWh	25%



## Conclusion

COOLNOMIX® exceeded savings expectations. Higher power consumption months like May, June, July, and August would likely see higher kWh savings. Assuming that the average daily consumption remains at 144 kWh year-round, (a conservative estimate), the use of COOLNOMIX® on this unit alone would save RBS 6.9 tons of CO<sub>2</sub>, 13,140 kWh, and \$1,746 annually. COOLNOMIX® pays for itself in less than a year.

