

REDUCED EMISSIONS



Blatchford

Edmonton

Implementing the Blatchford energy strategy will significantly reduce the neighbourhood's greenhouse gas (GHG) emissions.

The Blatchford high performance building envelopes will reduce GHG emissions by approximately 55 per cent. The district energy sharing system with geo-exchange and sewer heat exchange will reduce emissions by a further 23 per cent, for a total projected reduction of GHG emissions of 78 per cent compared to business as usual.

As solar PV is implemented, or as future renewable energy sources become viable, Blatchford has the potential to reduce its GHG emissions associated with heating, cooling and domestic hot water by 100 per cent.

Achieving carbon neutrality through the exclusive use of renewable energy sources is an ambitious goal for any community. The ability to achieve this goal will have significant reputational impacts for Blatchford and the City of Edmonton.

BLATCHFORD GHG EMISSIONS BY YEAR

