



**Andrew
More**



Heating Of Old Churches



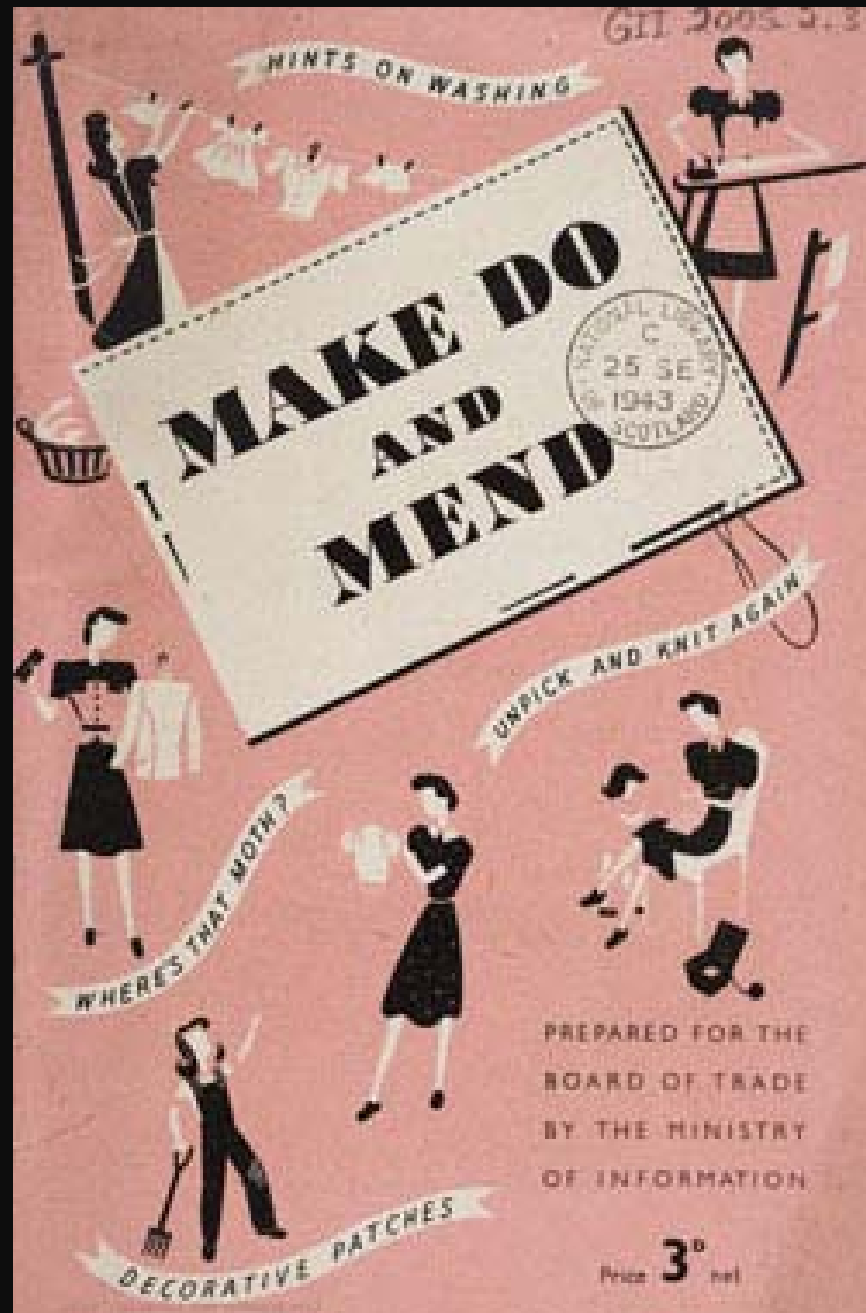
Historic England

Building Services Engineering
HistoricEngland.org.uk

Does the church need heating?



ΠΡΦ ΕΛΙΣΑΙΟΣ PRIFITIS ELISEOS PROPHET ELISHA



Make do and mend



**Consider a
temporary
repair?**



**Spares may
be available!**

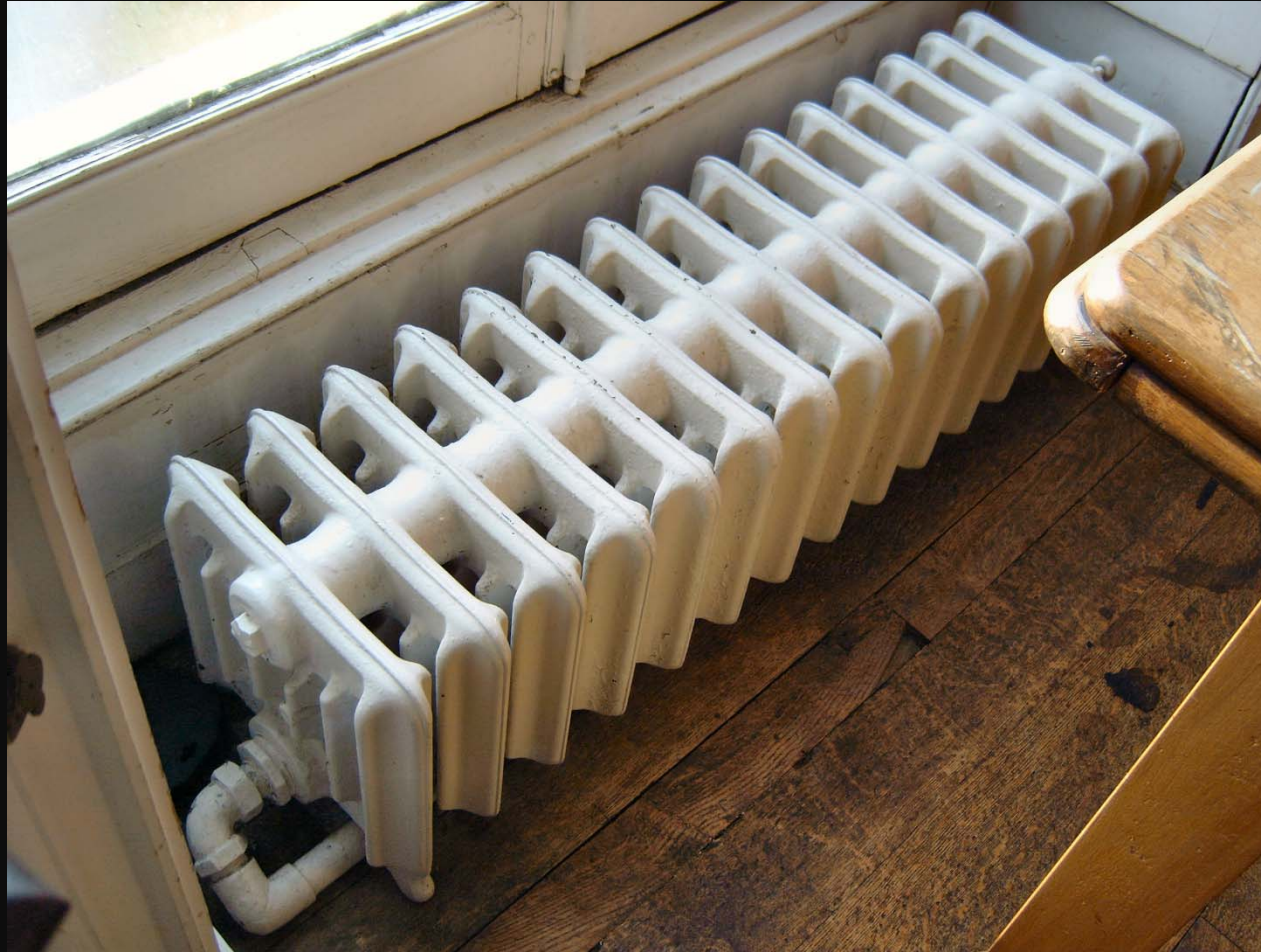
Accurate measurements = Accurate heat losses



Accurate measurements = Accurate heat losses



Can the existing be re-used?



Original 'Perkins' heat emitter as found



Initial re-paint to match the pews.
Later re-painted to better match the walls



Reclaimed radiator to supplement existing awaiting refurbishment



**All this early radiator needs is a
re-paint and some better brackets**



Rescued just in time!

















Historic England

Energy Efficiency and Historic Buildings

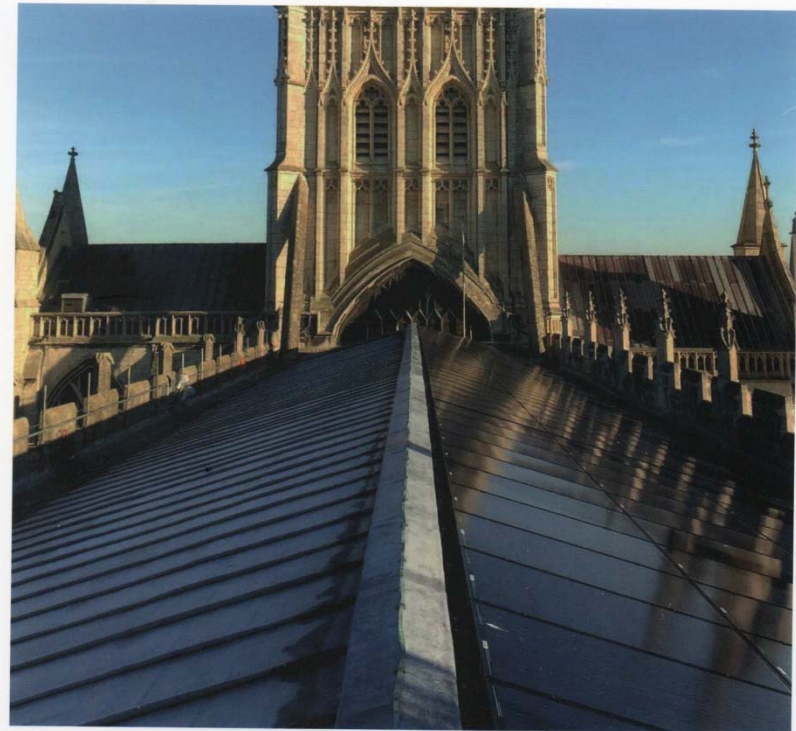
Heat Pumps



Historic England

Energy Efficiency and Historic Buildings

Solar Electric (Photovoltaics)

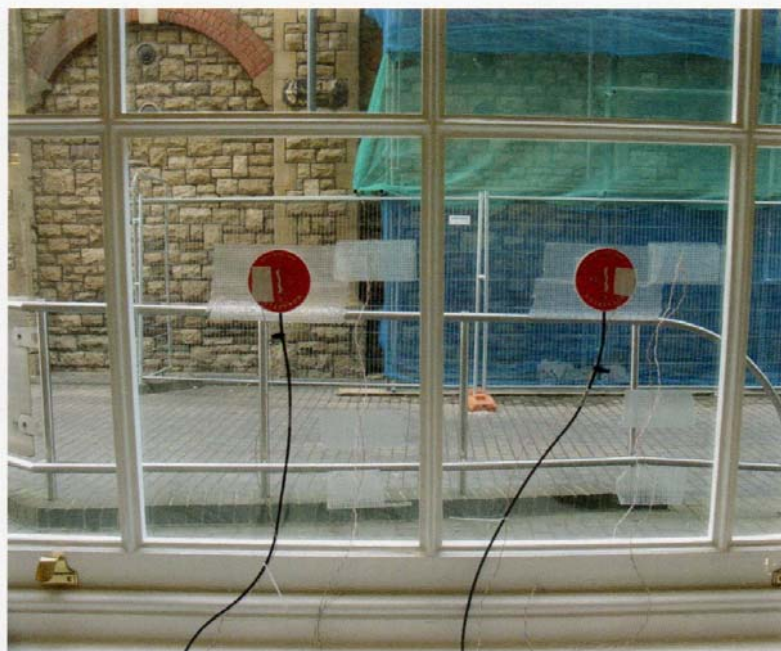




Historic England

Technical Conservation Guidance and Research

Online Advice and Downloadable Guidance

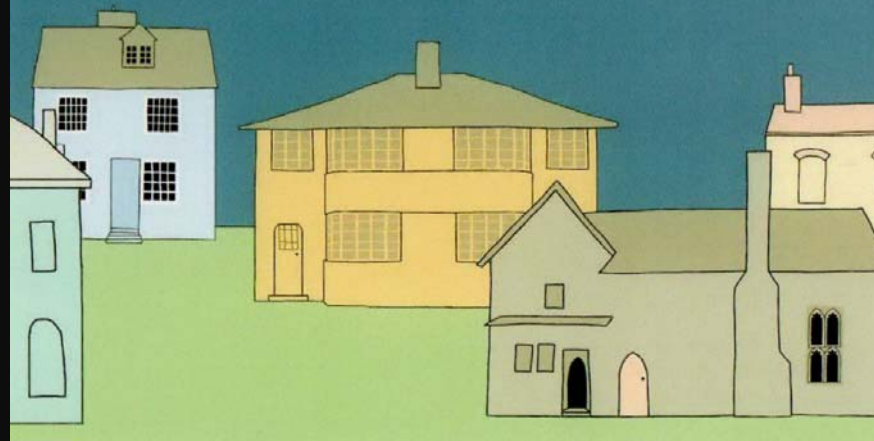


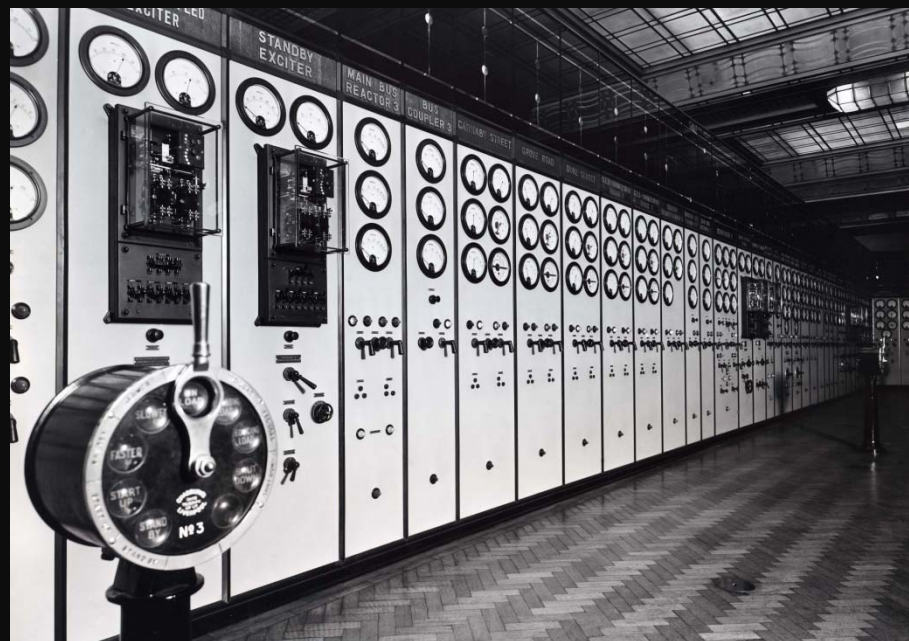
June 2018



Historic England

Saving Energy





Over to you...

