

Historic Royal Palaces  
TOWER OF LONDON

# Energy Management at Historic Royal Palaces

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# Historic Royal Palaces TOWER OF LONDON



## **A self funding Charitable Trust**

Responsible for the up keep of five Royal Palaces.  
The Tower of London. Hampton Court. Kensington Palace, The  
Banqueting House and Kew Palace

# Constraints



- Conservation controls ,SMC.
- Costs and payback periods.
- Historic infrastructure, thermal lag.

## Hearts and Minds

- Directors/ Trustees
- Staff awareness training
- Energy champions
- Publish good new stories
- Training for site engineers

## Engineering initiatives

- Installation of Voltage reduction 8.5% annual saving
- Installation of sub meters/ recharge to site users,
- Implementation of Air Conditioning Inspection reports
- Energy saving lighting
- Separation of the HWS from Heating
- Upgrading of roof and boiler insulation

- Review of the boiler controls strategy controlling on the return temperatures.
- Reporting and data collection AMR on water and gas meters.
- Appointment of Energy Advisors on new build/ projects .