



Northamptonshire Fire and Rescue Service

Please ask for: Service Information Team Leader
Tel: 01604 797000
Your Ref: N/A
Date: 30 December 2021

If you have any difficulty in obtaining the above telephone number please email enquiries@northantsfire.gov.uk.

Re: Request for information (our ref: NFRS2021-103-120)

I am writing in response to your request for information under the Freedom of Information Act 2000, received 01 December 2021. Our response is provided below:

- Q1** *How many operational incidents has your fire service attended involving the following:*
- a. Timber construction buildings*
 - b. Photovoltaic Solar equipment*
 - c. Other renewable energy sources*
 - d. Building façade and wall systems involving insulation materials*
 - e. Building façade and wall systems involving timber*
 - f. Green walls and roof systems*
 - g. Energy storage systems such as lithium batteries*

We do not record this information, Northamptonshire Fire and Rescue Service (NFRS) do not collect this level of detail for incidents attended.

- Q2** *Do you identify and record specific data regarding the location and status of specific risks related to sustainable/green buildings for operational purposes? If so, please provide an example.*

NFRS do not hold any records for the specific data requested.

- Q3** *Do you identify and record specific data regarding the location and status of specific risks related to sustainable/green buildings for fire safety purposes? If so, please provide an example.*

NFRS do not hold any records for the specific data requested.

Continued/...2



Q4 *Do you maintain specific protocols and procedures for dealing with operational risks relating to the following?*

- a. Timber construction*
- b. Photovoltaic Solar*
- c. Other renewable energy sources*
- d. Building façade and wall systems involving insulation materials*
- e. Building façade and wall systems involving timber*
- f. Green walls and roof systems*

a. Timber construction:

Timber construction during development is added to Mobile Data Terminals (MDTs) and local crews are informed. Training packages around specific risks, construction techniques etc. available for personnel.

b. Photovoltaic Solar:

No domestic records are held by NFRS. Solar field setting only held if energy storage facility is on site as well. Training packages around specific risks are available for personnel.

c. Other renewable energy sources:

Renewable energy sources within the county are held on a central database, updated on regular basis from publicly available information. Training packages around specific risks, available for personnel.

d. Building façade and wall systems involving insulation materials:

Only where relevant towards building construction risk, e.g. LISPs that would pose potential hazard in fire scenario.

e. Building façade and wall systems involving timber:

No records held by NFRS.

f. Green walls and roof systems:

No records held by NFRS.

Q5 *Do you have in place any specific protocols for training personnel to deal with operational incidents involving:*

- a. Timber construction*
- b. Photovoltaic Solar*
- c. Other renewable energy sources*
- d. Building façade and wall systems involving insulation materials*
- e. Building façade and wall systems involving timber*
- f. Green walls and roof systems*

a. Timber construction:

- Development Firefighter programme contains learning material
- Maintenance Of Competence (MOC) for station-based staff - Modern methods of construction - MOC 13.01.01 (24 month frequency) including PowerPoint presentation
- Additional Hazard Information Sheet (AHIS) - F6.3.0
- Operational Information Notes (OINs) on timber framed buildings

Continued/...3

3/...Cont.

- Officers are required to complete Institute of Fire Engineers (IFE) Level 4 in Operations (subject is in the bibliography)
 - All operational staff are directed to National Operational Guidance (NOG), including material on this subject
 - Information held on MDTs regarding timber constructions under development
- b. Photovoltaic Solar:
- HMEPAs trained externally to provide specialist advice to crews
 - OINs on batteries and photovoltaic installations:
 - Officers are required to complete IFE Level 4 in Operations (subject is in the bibliography)
 - All operational staff are directed to NOG, including material on this subject
- c. Other renewable energy sources:
- Hazardous Materials and Environmental Protection Advisers (HMEPAs) trained externally to provide specialist advice to crews
 - OINs: Batteries
 - Photovoltaic installations
 - Officers are required to complete IFE Level 4 in Operations (subject is in the bibliography)
 - All operational staff are directed to NOG, including material on this subject
- d. Building façade and wall systems involving insulation materials:
- Officers are required to complete IFE Level 4 in Operations (subject is in the bibliography)
 - All operational staff are directed to NOG, including material on this subject
 - Development Firefighter programme contains learning material
 - Regional approach to identifying relevant training material. Based on NOG, with tailored guidance
 - Station based staff required to complete the following training periodically:
 - Fires in tall buildings learning package (12 months)
 - MOC 10.05.01 Tall buildings – hazards and controls
 - MOC 10.05.02 Tall buildings – Methods of intervention
 - MOC 10.05.03 Tall buildings – Desktop exercise - Implementation
 - MOC 10.05.04 Tall buildings – Cleveland coil
 - Exercises involving tall buildings
 - Tall building Officer training package – group exercise
 - OINs on fires in tall buildings, evacuation of building, firefighting shafts and lobbies and lifts, lobby-sector commander, fire sector commander, search sector commander, types of evacuation strategy
- e. Building façade and wall systems involving timber:
Please refer to answer provided for Q5d.
- f. Green walls and roof systems:
- Thatched roof MOC 12.02.04
 - Officers are required to complete IFE Level 4 in Operations (subject is in the bibliography)
 - All operational staff are directed to NOG, including material on this subject

If I can be of any further assistance, please do not hesitate to contact me quoting reference NFRS2021-103-120.

Yours sincerely

Service Information Team Leader

If you are unhappy with the response, you can ask the Service to review it. To do this, please email enquiries@northantsfire.gov.uk or alternatively write to the address below:

Service Information Manager
Northamptonshire Fire and Rescue Service
Darby House
Darby Close
Park Farm Industrial Estate
Wellingborough
NN8 6GS

If our internal review does not resolve the issue to your complete satisfaction, you have the right to apply to the Information Commissioner for a decision at the following address:

Information Commissioner
Wycliffe House
Water Lane
Wilmslow
Cheshire
SK9 5AF