Database Views

This is my idea behind what the database should look like. I have included access and editing privileges for each tab as well as any functionality the page may need.  
The bottom row of cells contains example calculations.

# Site Information

A screenshot of a computer

Description automatically generated

Columns A – D can be kept the same. However, Columns E – K may work better as a comment for each site, as it is currently hard to read with lots of empty fields and overlapping writing.

This view should be available to everyone.

The data in this table should be editable by DC&E.

When data is uploaded, the “Code” could be checked against the UPRN, and the “Floor Area (sq meters)” can be checked against each other and possibly be updated.

“N185 Energy Users” as well as Columns E – K of the original tab are stored in the Systemslink report so it either must be uploaded by us or the client. Editing in the software would likely be very time consuming when first setting up the spreadsheet due to the magnitude of sites.

# Gas / Electricity Per Year

The sheets Gas xx – xx and Electricity xx – xx should be combined into a single view.

A screenshot of a spreadsheet

Description automatically generated

There should be an option to filter by name, year and site type.

There should be the ability to sort the number columns by amount e.g. largest to smallest.

This view should be only available to DC&E.

The data in this view should be editable by DC&E.

# Gas / Electricity

A screenshot of a computer

Description automatically generated

An increased percentage should be coloured red, and a decreased percentage should be coloured green. A blank value should be coloured white.

There should be an option to filter by name, year and site type.

There should be an option to show/hide columns “Gas xx – xx”, “% of total emissions xx – xx” and “% change from xx – xx”

There should be the ability to sort the number columns by amount e.g. largest to smallest.

This view should be available to everyone.

The data in this view shouldn’t be editable.

# Emissions Per Year

A screenshot of a spreadsheet

Description automatically generated

This view should be only available to DC&E.

The data in this view should be editable by DC&E.

# Carbon Emissions

A screenshot of a computer

Description automatically generated

Responsible Person should be added as a comment to each site.

An increased percentage should be coloured red, and a decreased percentage should be coloured green. A blank value should be coloured white.

There should be an option to filter by name, year and site type.

There should be an option to show/hide columns “Electricity xx – xx”, “Gas xx – xx”, “Total emissions xx – xx”, “% of total emissions xx – xx” and “% Change from xx – xx”

There should be the ability to sort the number columns by amount e.g. largest to smallest.

This view should be available to everyone.

The data in this view shouldn’t be editable.

# Annual HDD

A screenshot of a computer

Description automatically generated

This view should be only available to DC&E.

The data in this view should be editable by DC&E.

# kWh per HDD

A screenshot of a calendar

Description automatically generated

An increased percentage should be coloured red, and a decreased percentage should be coloured green. A blank value should be coloured white.

There should be an option to filter by name, year and site type.

There should be an option to show/hide columns “kWh/HDD xx – xx” and “% change from xx – xx”

There should be the ability to sort the number columns by amount e.g. largest to smallest.

This view should be available to everyone.

The data in this view shouldn’t be editable.