

# Local Authority Common Ask Electricity



## Checklist – General Information

**Quick reference checklist for assembling data for your local network operator's forecasting from a Local Area Energy Plan for General Information**

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### Acronyms and Abbreviations

| Name | Description                          |
|------|--------------------------------------|
| LAEP | Local Area Energy Plan               |
| LSOA | Lower Layer Super Output Areas       |
| DFES | Distribution Future Energy Scenarios |
| ONS  | Office for National Statistics       |

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## 1. INTRODUCTION

This checklist was written to accompany version 7 of the LAEP input for modelling Local Authority Common Ask. It is designed to be a quick reference guide to help with the assembly of the data required for your local network operator's forecasting tool, but the Local Authority Common Ask definition itself is to be used as the comprehensive definition of requirements. This checklist specifically covers the compilation of general information. Other checklists are provided to support the compilation of data for specific technologies.

## 2. GENERAL FILES

### 2.1 Local Authority Common Ask Questionnaire

☐ Complete the "LAEP Answer" column in the "Questionnaire" sheet using the dropdowns or information in the correct format to indicate the relevant metadata for your data.

☐ Ensure every question has an answer unless marked as optional.

| Data question                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LAEP Answer (Answers listed in order of preference) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Please use the dropdown lists to complete the orange boxes with answers to the questions about the LAEP data.<br>Note that there is a restriction on the types of answers that are accepted, such as restricting the levels of geographical output to ensure that no IP sensitive data is given. To understand these restrictions for each question, please see the data published on domestic thermal energy efficiency for the UKPN area which is released as part of the UKPN DFES dataset. The data can be downloaded here: <a href="https://www.ukpn.co.uk/our-company/dfes-2023">https://www.ukpn.co.uk/our-company/dfes-2023</a><br>For questions on the day of the year of uptake values, note that these are optional and will be more significant if your LAEP forecasts rapid uptake in the short term. For longer term LAEP plans, such as those for Net Zero in 2050, when compiling data, you may need to make decisions about the resolution of data provided, for example whether to provide data at a higher geographical resolution or for more individual years in the modelled period. In this |                                                     |
| DFES Pathway<br>Which pathway does this LAEP align with?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                     |
| Domestic Building Thermal Efficiency<br>What unit does this LAEP use?<br>What type of geographical area does this LAEP use?<br>[OPTIONAL] What is the day of the year on which the uptake values apply? (Give your answer in the format DD/MM.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                     |

Figure 1: The top of the Local Authority Common Ask questionnaire including the first questions on the metadata for domestic building thermal efficiency data.

☐ If using, select the most suitable DFES scenario in the "DFES Scenario Selector" in place of providing Domestic Thermal Energy Efficiency data.

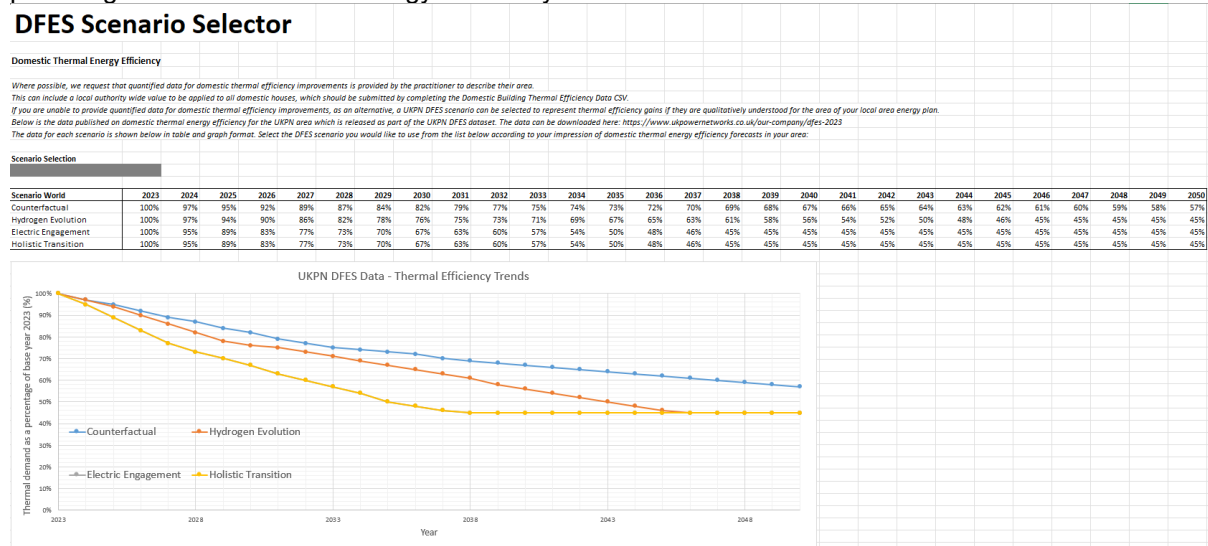


Figure 2: The DFES scenario selector tab to be used in domestic building efficiency cannot be provided in the preferred format.

☐ (Optional) If provided, list the geojson files used by the data and the datasets to which they relate.

---

|                                                                                                                      |                             |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------|
| If you have provided custom geojsons, please list the names of the files below and which input CSVs each applies to: |                             |
| geojson name                                                                                                         | Technology data csv name    |
| example_geojson_name                                                                                                 | example_technology_csv_name |

*Figure 3: The custom area shapefile metadata question at the bottom of the Local Authority Common Ask questionnaire.*

## 2.2 Custom Geographic Area Shapefiles (optional)

- ☐ Compile the geojson data for any custom areas that you provide in the format specified in the Local Authority Common Ask definition.
- ☐ Check that the naming of areas in the geojson is consistent with the naming used in the related data files.
- ☐ Check that all shapes included in the shapefiles are referenced in the corresponding technology data files at least once.
- ☐ Check that all shapes included in the shapefiles have an assigned id value
- ☐ Check that the co-ordinate system for all shapefiles is EPSG:27700.

## 2.3 Non-standard area LSOA definition (optional)

- ☐ Ensure all LSOAs used in the technology datafiles are listed here.
- ☐ Check that all percentage values are greater than 0 and not more than 100.