

Change Note		CN-075
Change to: Test and Technical Assumption 97		
Description: Reference Building		
References: All tests, Test regime		
Change originator: JA		Date of request: 11/05/21
Rev: 01	Date authored: 11/05/21	Proposed change to assumption: Yes

1. Proposed Approach

There is a wide range of Communal Heating Networks (CHN) in the UK with very different characteristics depending on the specific site requirements and the selected design parameters.

The Technical subcommittee agreed that two reference systems (dwelling and buildings) should be developed, with their corresponding size and characteristic parameters well defined, as part of the test regime.

These reference systems will be used as a benchmark to compare the impact of the selection of different HIUs on the same CHN. This technical note will present a proposal agreed by Tom Naughton and Josu Aurrekoetxea. The design of the system follows CIBSE CP1 2020 guidelines and does not necessarily represent the opinion of the authors

It should be noted that due to the disparity of the CHN it is not possible to produce a generalised model that predicts the actual effect of an HIU on any given CHN.

2. Rationale (underlying basis for the change)

Rationale proposed in TN-010

3. Impact of change (e.g. implications for test rig)

Used as the basis for operation conditions proposed within the HIU Test Standard

Evaluation of change			
Date evaluated: 16/11/21	Those present: BESA HIU Technical Committee	Additional info required?: No	Modification to proposed approach?: No
Details: Proposal detailed in TN-010			
Signed off: Yes			