

# GUIDANCE NOTE 25

## DETERMINATION OF CHP QUALIFYING FUEL INPUT

### Qualifying Fuel Input ( $CHP_{QFI}$ )

#### GN25.1

A Scheme must achieve a minimum (threshold) Power Efficiency of 20% for all of its fuel inputs to be considered Good Quality CHP.

- Refer to GN10 for guidance on Defining Good Quality CHP.

#### GN25.2

Schemes that fail to achieve the Power Efficiency Threshold must calculate CHP Qualifying Fuel Input ( $CHP_{QFI}$ ). This is the fuel input that would have achieved the Power Efficiency Threshold.

## CALCULATING QUALIFYING FUEL INPUT

#### GN25.3

Qualifying Fuel Input ( $CHP_{QFI}$ ) is a measure of fuel delivering Good Quality CHP.

$$CHP_{QFI} \text{ (MWh)} = \frac{\text{Annual Power Efficiency, \%} \times CHP_{TFI} \text{ (MWh)}}{\text{Power Efficiency Threshold, \%}}$$

Annual Power Efficiency is determined according to:

$$\text{Power Efficiency, \%} = 100 \times (CHP_{TPO} \times FOP) / (CHP_{TFI} \times FOI)$$