

#### **6.4.2 Heat Input Methodologies**

To determine the hourly heat input for an LME unit, there are two options:

- The maximum rated unit heat input may be reported for each unit operating hour; or
- Long-term fuel flow may be used. The long-term fuel flow methodology requires a reliable estimate of the amount of each type of fuel combusted in the unit during each quarter<sup>37</sup>. Data from certified Appendix D fuel flowmeters or gas billing records may be used to make these estimates. Alternatively, for fuel oil, one of several acceptable API “tank drop” measurement methods may be used. The total unit heat input for the quarter is calculated from the estimated quarterly fuel usage and the fuel GCV<sup>38</sup>. The total heat input is then apportioned to the individual unit operating hours, on the basis of unit load.