

6.7 What are the recordkeeping and reporting requirements for LME units ?

For a LME unit, the following essential records must be kept for three years, either on-site or (for unmanned facilities) at a central location:

- Records indicating which hours the unit operated and, for each of these hours, the unit operating time³⁹;
- The type(s) of fuel(s) combusted during each operating hour;
- The unit load during each operating hour (megawatts or klb/hr of steam), if long-term fuel flow is used to quantify heat input;
- Calculated hourly SO₂, NO_x and CO₂ mass emissions (as applicable);
- The methods used to determine the hourly heat input values and the hourly NO_x emission rates;
- If the long-term fuel flow method is used, the quantity of each type of fuel combusted in each quarter, the GCV of each type of fuel, and the total quarterly heat input; and
- For units with add-on NO_x emission controls or that use dry low-NO_x technology, records of the parametric data to verify proper operation of the emission controls (i.e., to justify using the site-specific NO_x emission rates).

All of the above information, except for the parametric data, must be reported quarterly to EPA in a standardized electronic reporting format. However, note that a data acquisition and handling system (DAHS) is not necessarily required to generate the quarterly EDR reports for an LME unit. EPA's Clean Air Markets Division has developed a special LME module within its Emissions Collection and Monitoring Plan System (ECMPS) software, which is capable of generating quarterly reports for LME units⁴⁵.