**Monitoring Usage In Domestic Heating Oil Tanks**

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**Introduction**

One of the major failings of the equipment used to heat a home with oil in which oil is supplied to an oil burner from a preloaded oil tank is that there is no exact indication of how much oil is being used or any indication what so ever of when the tank is nearing the refill point. This can lead to home-owners being disillusioned about their oil usage and can also lead to system problems such as air-locking in the houses plumbing eventually when the oil has run out.

The idea for this project has been inspired by both a love for the ‘Internet Of Things’ and trying to support a greener environment, and through this project I am hoping I can accomplish both for people who use oil to heat their homes.