Single Station Meter

* 2 versions, 1 includes non NI hardware (does not currently work in executable form)
* 6 meters, only 1 allowed to be on at the same time
* Meter sizes, gas types set upon program execution. Hardcoded
* ANSI average 1 minute, from 5:00 to 6:00
* Threshold voltage determines if meter is on, have had issues with voltage for very low rates
* 1s loop execution rate (hard coded), might want to go to 0.025s

Multi Station Meter

* 1 version, Rev 4 (all other revisions obsolete)
* 3 stations, 2 meters per station. Can have all 3 stations on at once
* Meter sizes, meter present, meter gas set by user each program start up
* ANSI average 10 seconds, from 5:00 to 5:10
* Threshold voltage determines if meter is on, have set as variable on front panel
* 0.025s loop execution rate (hard coded)

DOE Gas Volume Consumed

* 1 version, not thoroughly tested
* 6 meters, only 1 allowed to be on at the same time
* Meter sizes, gas types set upon program execution. Hard coded
* Data sampling rate is variable that can be set on front panel
* Functions as state machine. States shown below:

