Description	Vendor	Datasheet	Link	Digital/Analog
BME688 - Temperature, Humidity, Pressure and Gas Sensor	AdaFruit	https://www.bosch-sensortec.com/media/boschsensortec/downloads/datasheets/bst-bme688-ds000.pdf	https://www.adafruit.com/product/5046	Digital
BME280 I2C or SPI Temperature Humidity Pressure Sensor	AdaFruit	https://www.bosch-sensortec.com/media/boschsensortec/downloads/datasheets/bst-bme280-ds002.pdf	https://www.adafruit.com/product/2652	Digital
Current Sensor	SparkFun	http://cdn.sparkfun.com/datasheets/Sensors/Current/ECS1030-L72-SPEC.pdf	https://www.sparkfun.com/products/11005	Analog
ZMPT101B, an active single phase AC voltage sensor module.	Amazon	https://5nrorwxhmqqijik.leadongcdn.com/ZMPT101B+specification-aidijBqoKomRilSqgokpjkp.pdf	https://www.amazon.com/ZMPT101B-Voltage-Transformer-Module-Single/dp/B083ZT6CHB	Analog

For the two environmental sensors we expect low quiescent currents for the sensor IC's however will need to measure this to confirm since they are implemented on an adapter board. However we should still be orders of magnitude off of the arduino power consumption.

For current sensor will need to use EmonLib in software and need to use a circuit to make it readable by the arduino (https://openenergymonitor.github.io/forum-archive/node/58.html)

For voltage readings we can use a voltage divider at least for the DC readings.

Need to add a wind sensor and find a way to measure DC current ideally.