

- 1. G deploys the market contract
  - tokens are minted in the constructor?
- 2. P, C, U self register as participants
- 3. G opens a market with **openMarket**

Name	Туре	Description
startTimestamp	uint256	The time that the market opens
endTimestamp	uint256	The time that the market closes
startDeliveryTimestamp	uint256	The time that energy can start to be delivered - wait - is this necessary in this function? YEs a market is for energy that is to be delivered during a certain period.
endDeliveryTimestamp	uint256	The time that energy finishes flowing
maxPrice	uint256	The current cost of 1 kWh on the commercial market (not this prosumer/consumer market)

The maxPrice is the rate on the commercial market. It is input by the G.

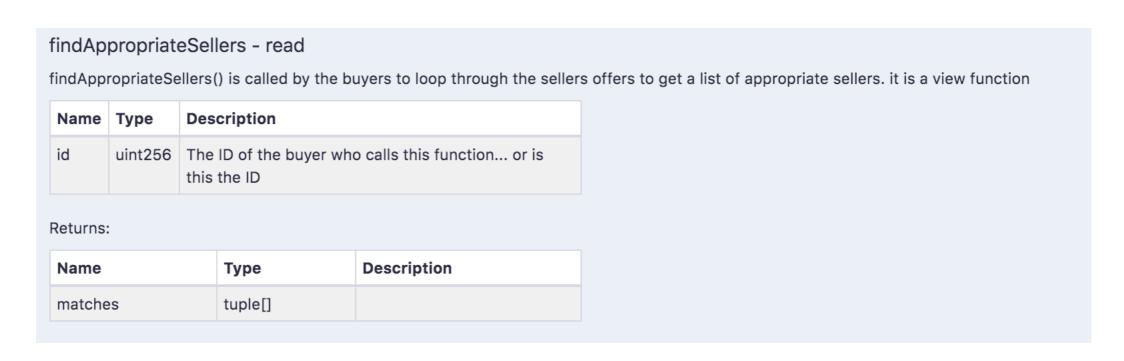
Later this could be brought in with an oracle.

4. Initial Posting to Offer and to Ask for energy



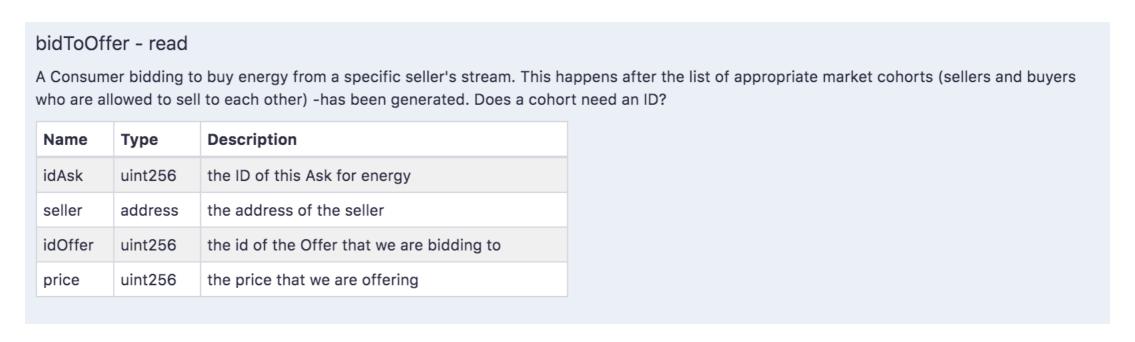
The initial posting is to find out who the participants are in this market.

The sorting will occur when a buyer asks for ...



What information is visible someone bidding on an Offer?

5. A consumer then bids to a specific offer that appears in their list of offers from appropriate sellers. **bidToOffer** - this is not a payable function - payment is on the honor system



- 6. The current highest bid is visible to other buyers in the cohort -
- do we need a view function to return the current highest bid?