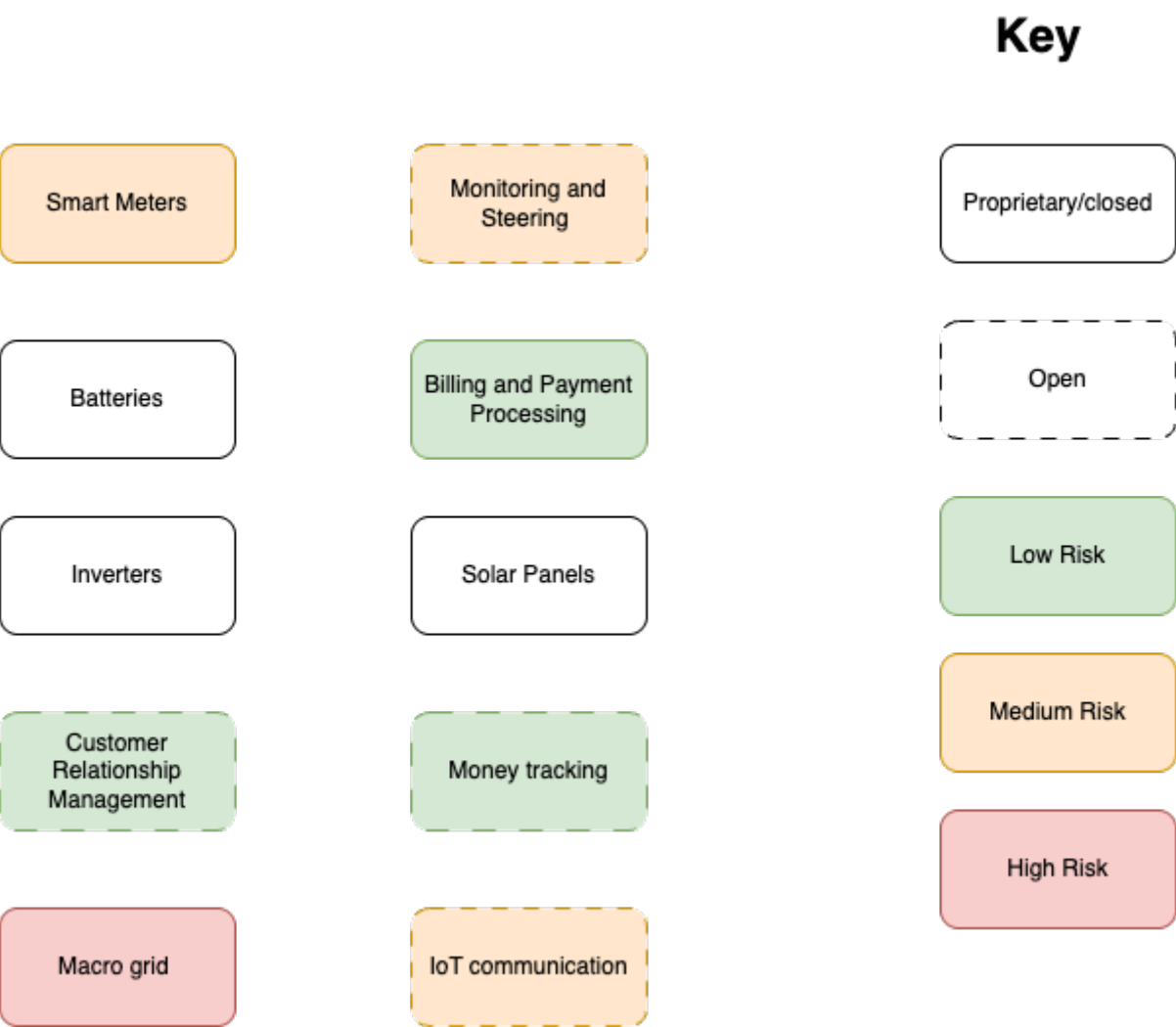


Microgrid Capability Map

Microgrid Capabilities

This diagram shows the distinct capabilities the microgrid will have and the level of freedom each capabilities for each capability's current implementation offers the community the microgrid is serving. The diagram also show Aaron's understanding of the level of risk to the model associated with each capability given what we know about it. The capabilities without a risk profile assigned are not targeted to go live yet.



Smart Meters

Based on our evaluation [here](#), we'll likely use Calinmeter's [CA168-S](#).

Monitoring and Steering

This is still under evaluation [here](#) but we are leaning towards using EnAccess's [MicroPowerManager](#)

Billing and Payment Processing

We'd be going postpaid using [Pesapal](#), see evaluation [here](#).

Customer Relationship Management

Expo CRM seems like a good option because we have [one running](#) as part of what Federated Computer offers us. And yes, it's open source but we are yet to test it.

Money Tracking

All money will be tracked via Open Collective's Platform. [NFE fiscal host](#) has already been set up.

Macrogrid Connection

Our connection to the UEDCL main grid will be metered by a proprietary meter controlled by UEDCL, we may need to connect an addition meter infront of it that we control.

IoT Communication

As per [this](#) report, we are leaning towards wireless communication via an open standard (LoraWAN)

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