

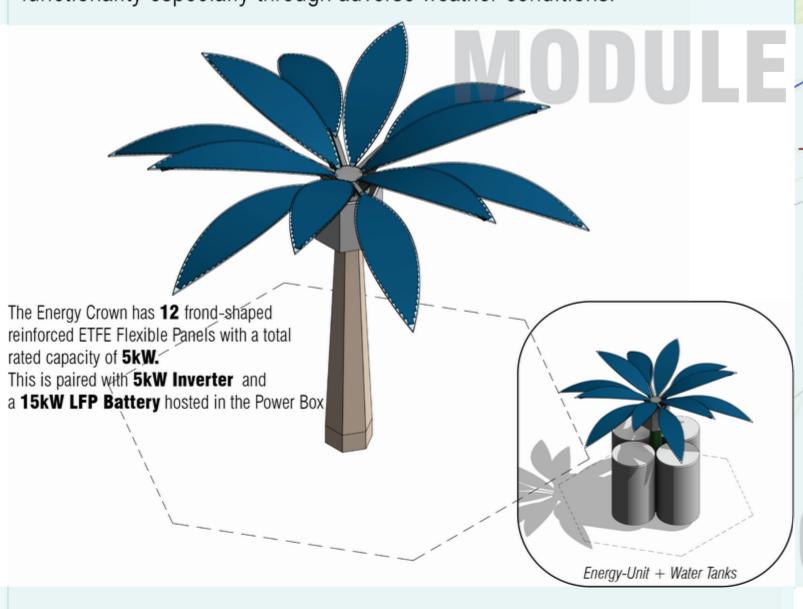
Water is Life. Energy is the fuel of Life.

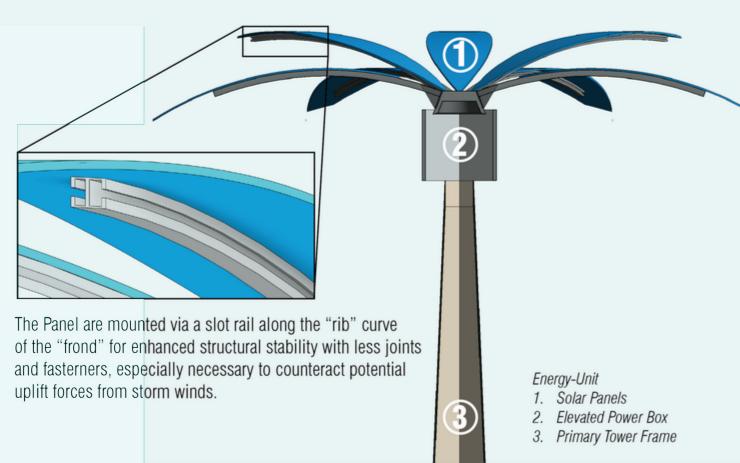
The Crown of Life's design is modeled after the crown of the coconut tree, where the leaves capture energy, the fruits store water.

In this renewable energy system, there are 2 main clusters of functions.

- 1. The solar panels which represent the leaves, capture energy from the sun.
- 2. The water tanks which as holding tanks for harvested rainwater or any available sources, depending on the location of the unit

There are other subsystems which serve to protect the primary operations of the main systems thus ensuring longer term resilience and functionality especially through adverse weather conditions.





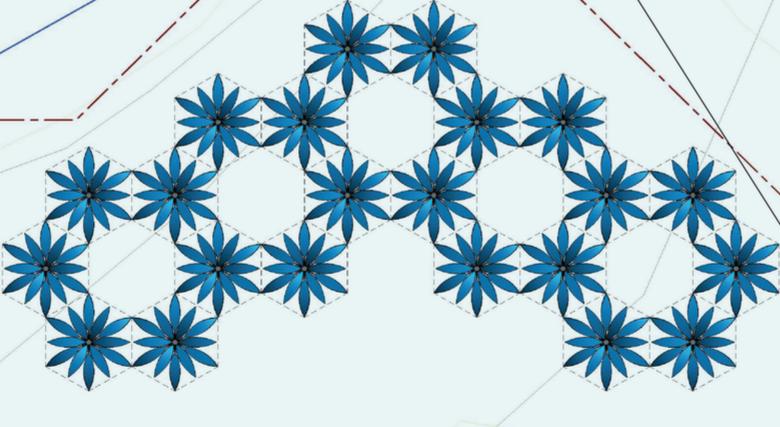






year-round farming for food crops and aquaculture.

The food production can be tailored for export, thus raking in revenue for the community, provide jobs and form a base for many new industries like food processing. Achieving this can also open new avenues for agro-tourism





Components for each module can be

transported on medium sized barges

Number of Modules: Total Generation Capacity: Est. Generation Output: Energy Storage Capacity:

75kW 110MWh / yr 225kW



Form Follows Community

One of the goals of this project is to foster a sense of ownership by the Marou Community. The design is intended to be as simple and lightweight as possible to make logistics, handling and installation as cost-effective as possible. Installation is also possible with minimal tooling.

The cluster arrangement will be left for the community to design. It may be a linear form, a dense canopy, with an open court or whatever form the community will fancy.

MATERIALS:

Solar Panels - Reinforced ETFE (to withstand any beatings by a storm)

Mounting arm - Curved Aluminium rail

Central Hub - Aluminum Block

Tower - Aluminium frame & Composite Aluminium Enclosure.

WATER TANK: (Ø 1.5m * 2m height)

Inner liner - 1mm HDPE

Tank structure - 4mm gauge Galvanized steel welded mesh

Overwrap - Kevlar sheet (UV and mechanical protection for Tank liner.

