Revolutionizing The Microgrid Revolution
G.E.E. - A New Way of Generating Energy

Self-sustaining electricity generation facility fueled by galvanic metal rods, supersedes rooftop solar.
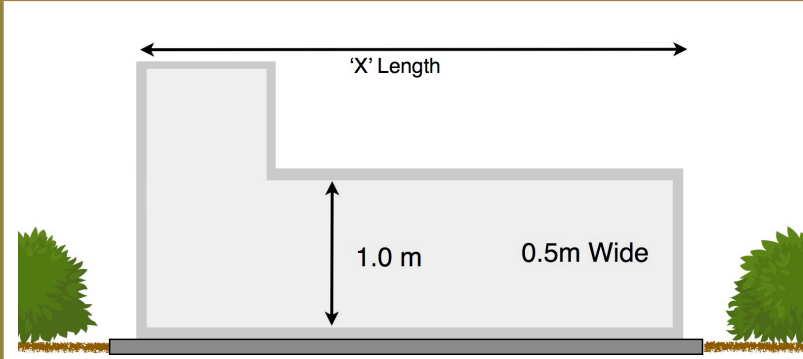

Above ground house installation

Above ground public areas

Below ground roadside installation

Local micro power station

Power The Grid - Charge E.V's -   Off Grid Power

H2IL G.E.E. System	Rooftop Solar
Constant energy day and night.	Limited to sunlight hours and strength.
Ability to track grid demands and rapidly adjust output accordingly.	Unpredictable supply and energy wastage.
Smart grid controllable - YES.	Smart grid controllable - NO.
Not require energy storage.	Requires grid storage methods.
Unlimited service life.	Limited lifespan.
Stable performance over time.	Performance decline with gradual degradation.
Energy supplier owns equipment and charges for consumption.	Decentralized and disruptive with very long period return on investment.
No greenhouse gasses or harmful byproducts.	Greenhouse gas emissions from production and eventual toxic landfill.
Stimulates work & income through post installation servicing.	Grid and supply disruption causing power cost increase.

Technology Acquisition: www.h2innovationlab.com

Clean, stable and controllable energy fully supporting grids while reducing reliance on fossil fuels.
Electricity to areas lacking grid power or unstable supply.
Local power generation completely separated from the grid and reducing grid upgrade.
On-site electricity generation to fast charge electric vehicles.

These are just a few of the possibilities achievable with this revolutionary energy production technology.
Alternative to installing rooftop solar, this solution can be installed at or below ground level.

'X' Length

1.0 m   0.5m Wide

Above Ground Installation

'X'm	kWh	kW/Day
2.4	0.5	11
3	1	23
4	3	71

Dimensions are flexible and scale is unlimited.

'X' Length

1.2 m   1m Wide
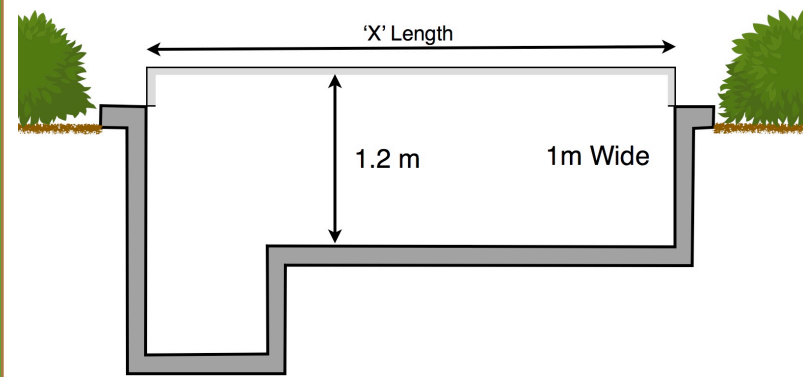
Below Ground Installation

'X'm	kWh	kW/Day
3	2	46
4	5	115
5	10	230
10	125	2,875

Dimensions are flexible and scale is unlimited.

Service **Top up**

Service **Energy Rod Exchange**

WATER

Service **Waste Removal**

Galvanic Enhanced Water Electrolysis

H_2

H_2O

Fuel Cell

e

P L C

Grid-Tie Inverter

AC Grid Voltage

Service Cycle 28 to 56 Days
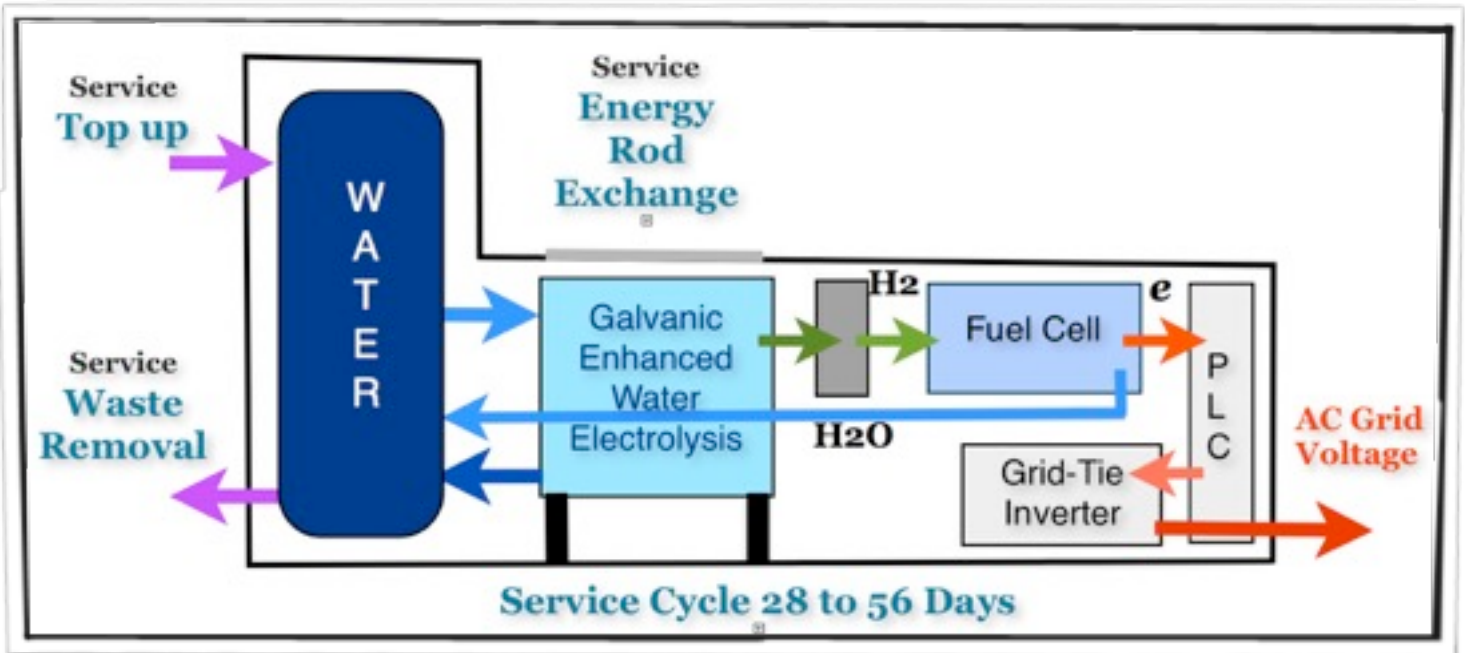
Service every 28 days or longer depending on installation power demands.
Two hour service includes quick change electrodes, waste water removal and water top up.
Hydrogen consumed within the fuel cell converts back to water to fuel G.E.E. hydrogen generator.

Technology Acquisition: www.h2innovationlab.com