

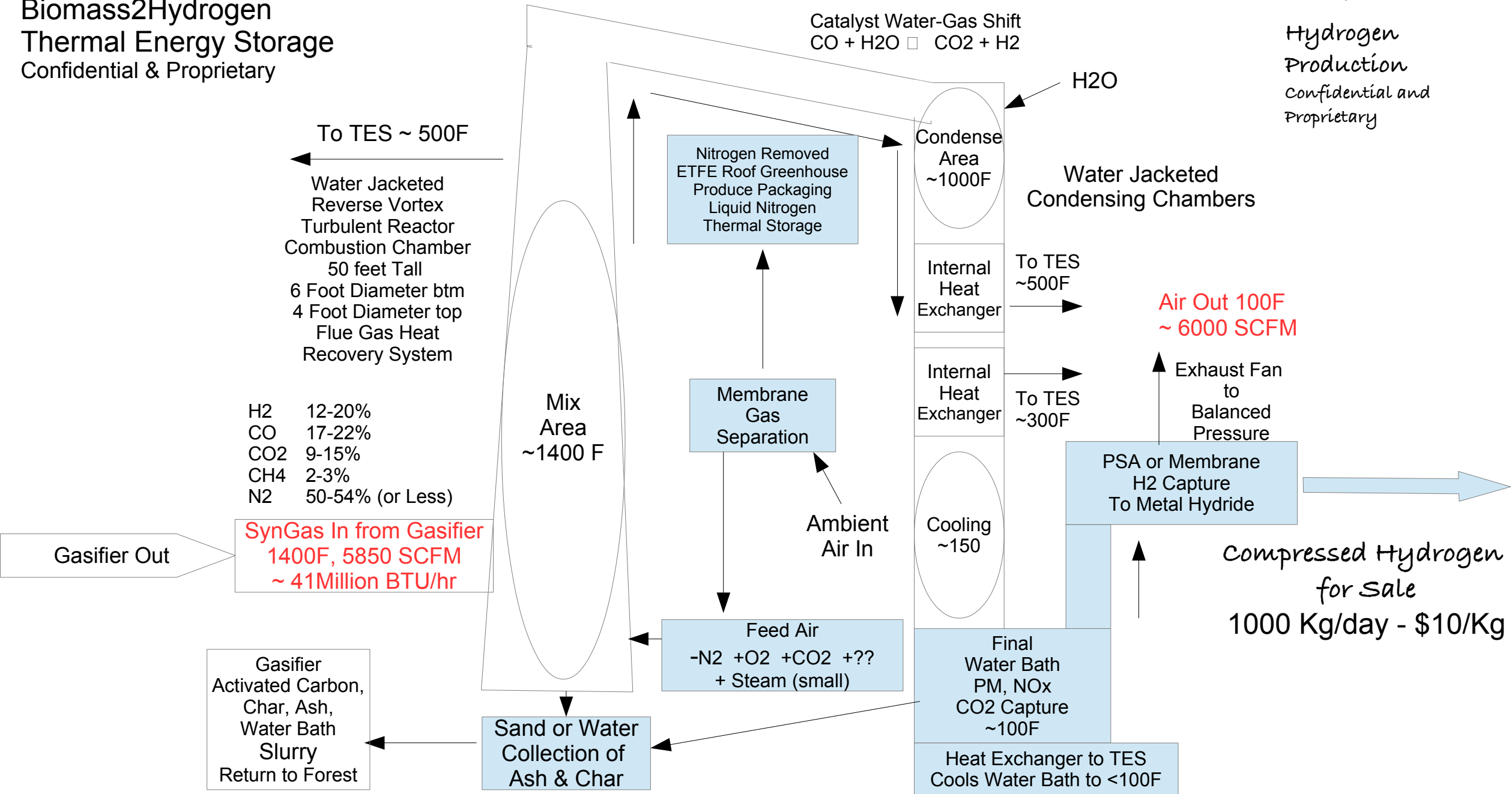
Proposal to CalSEED

VrFarms Hydrogen Production

For

Grid Level Battery Storage for Micro-Grids + OFF-GRID EV SuperCharging

Batteries Charged by Stored Compressed Hydrogen from Biomass

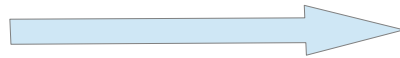


VrFarms

Hydrogen Production
Confidential and Proprietary

Compressed Hydrogen Delivered

350Kg H₂ - 11550 KWh
100 – 50KWh EV Charges
5000 Kwh delivered point A to B
Hydrogen Production Site
to Micro-Grid / EV Charge Station



Hydrogen for Sale
1000 Kg/day - \$10/Kg

Grid-Less Electricity (no Grid required)
Compressed Hydrogen
Delivered to EV Charging Stations

<https://www.hexagonlincoln.com/mobile-pipeline/titan/titan>



250 bar Hydrogen Mobile Pipeline
350Kg Hydrogen - \$360K

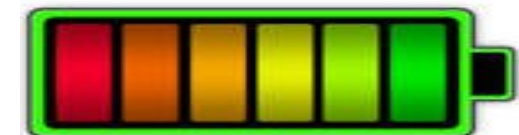
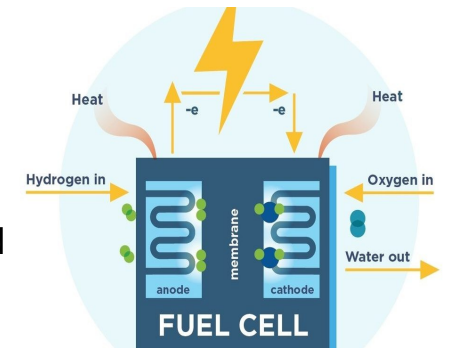
Hydrogen SuperCharger Network

300 EV Charging Sites
1 Kg Hydrogen = 33 Kwh
Fuel Cell Eff – 50%
2.8 Kg H₂ = 50 Kwh Charge
Retail \$25 (\$6 profit/chg)
\$28 cost of Hydrogen
50 Kwh x .18/Kwh = \$9
18 cent/Kwh Carbon Credit
18 cent/Kwh PPA BioMAT

Level 3 DC Fast
Charging
4 x 250 KW SuperCharger
SOFC /w CHP
\$1.5M
EV Charger Kiosk \$200K

MicroGrid Connected

Hydrogen Converted to
DC Electricity
at EV Charging Station Sites
Grid-less Electricity Delivered



2 MWH
Battery \$1.5M

