



Welcome to Green Grid Inc.

A 4D business approach

- Digitalization
- Decentralization
- Disintermediation
- Decarbonization

Founded in 2011

November 17, 2021





Transformative Digital and Physical Technology Solutions and Practices for Climate Protection, Adaptation and Resilience

Intergovernmental Panel on Climate Change (IPCC) report “code red for humanity”

Cut global emissions by 45 percent by 2030 to reach carbon neutrality by 2050

www.greengridinc.com

WORLD HYDROGEN ENERGY SUMMIT 2021 - Virtual

Energy and Environment Foundation, India

THEME: Green Hydrogen: Cleaner and Zero Emission Fuel for a Sustainable Green Economy

Keynote Session – VIII

Low Carbon Resources: Unlocking the Hydrogen Economy

Chinmoy Saha, CEO
Green Grid Inc.



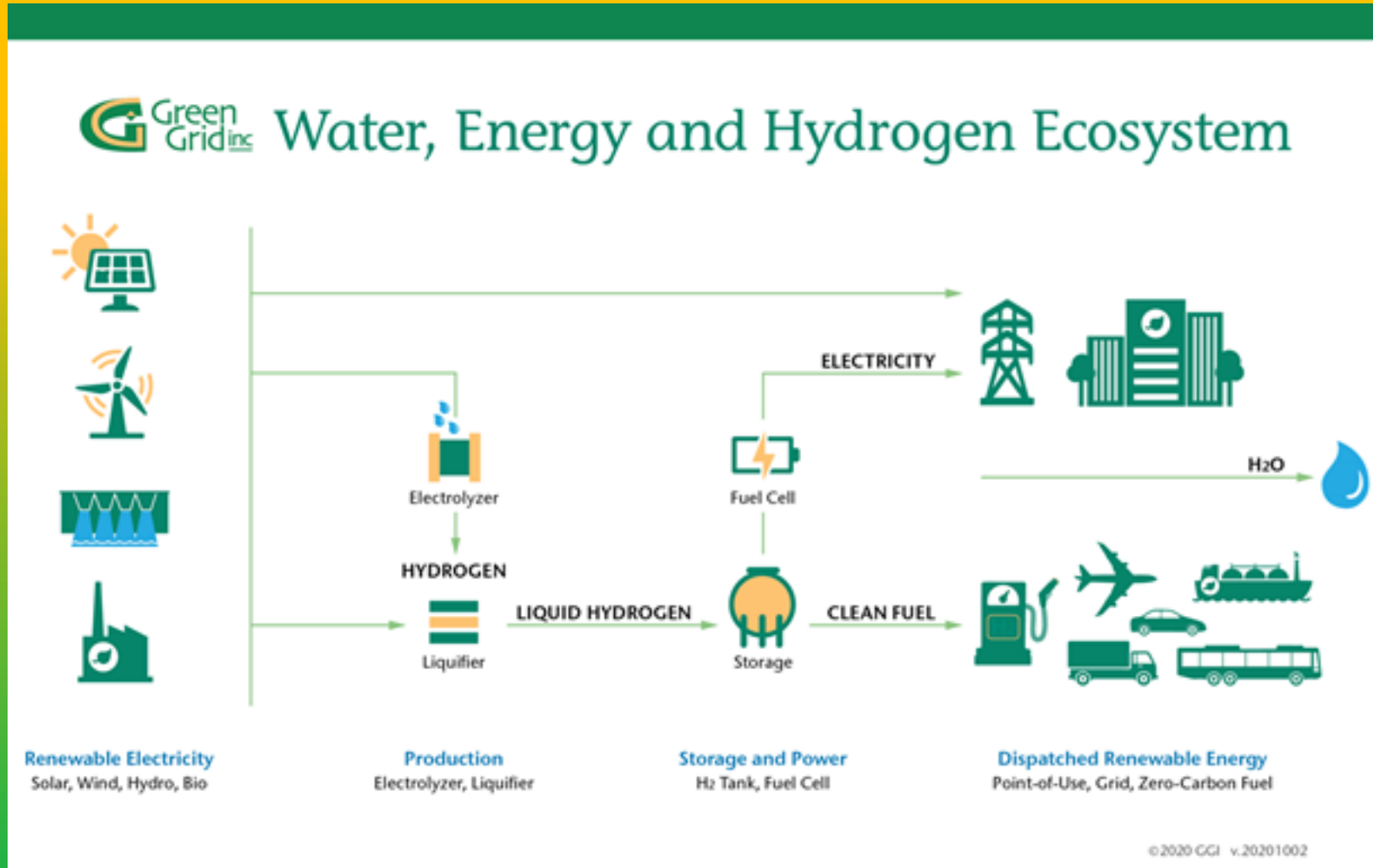
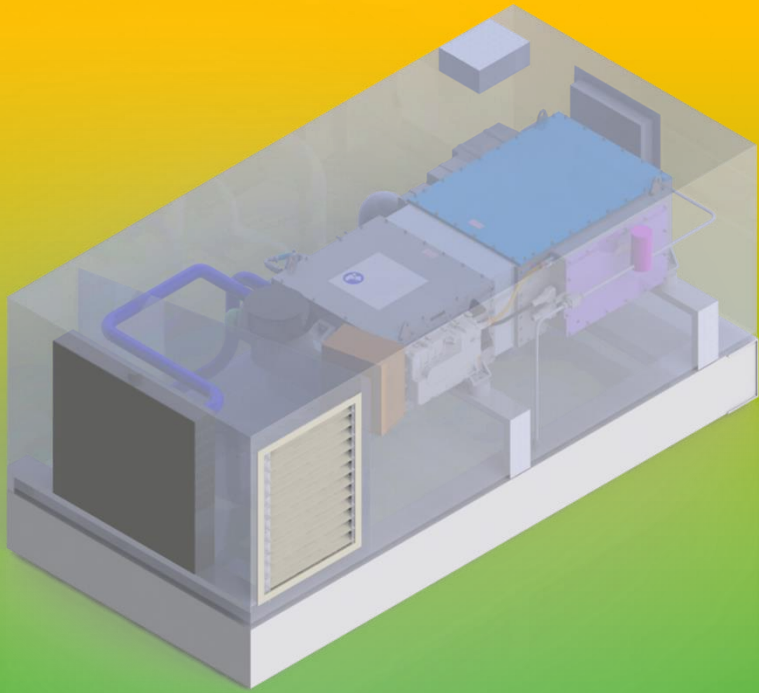
Green Hydrogen Initiatives

- Production, storage, transportation and distribution
- Patented Robotic Intelligent Hydrogen Delivery System (RiHyDS™)
- Fuel Cell system
- Green energy 24/7 rain or shine



Solution to GHG & Climate Change, Green Hydrogen

No more renewable energy intermittency!



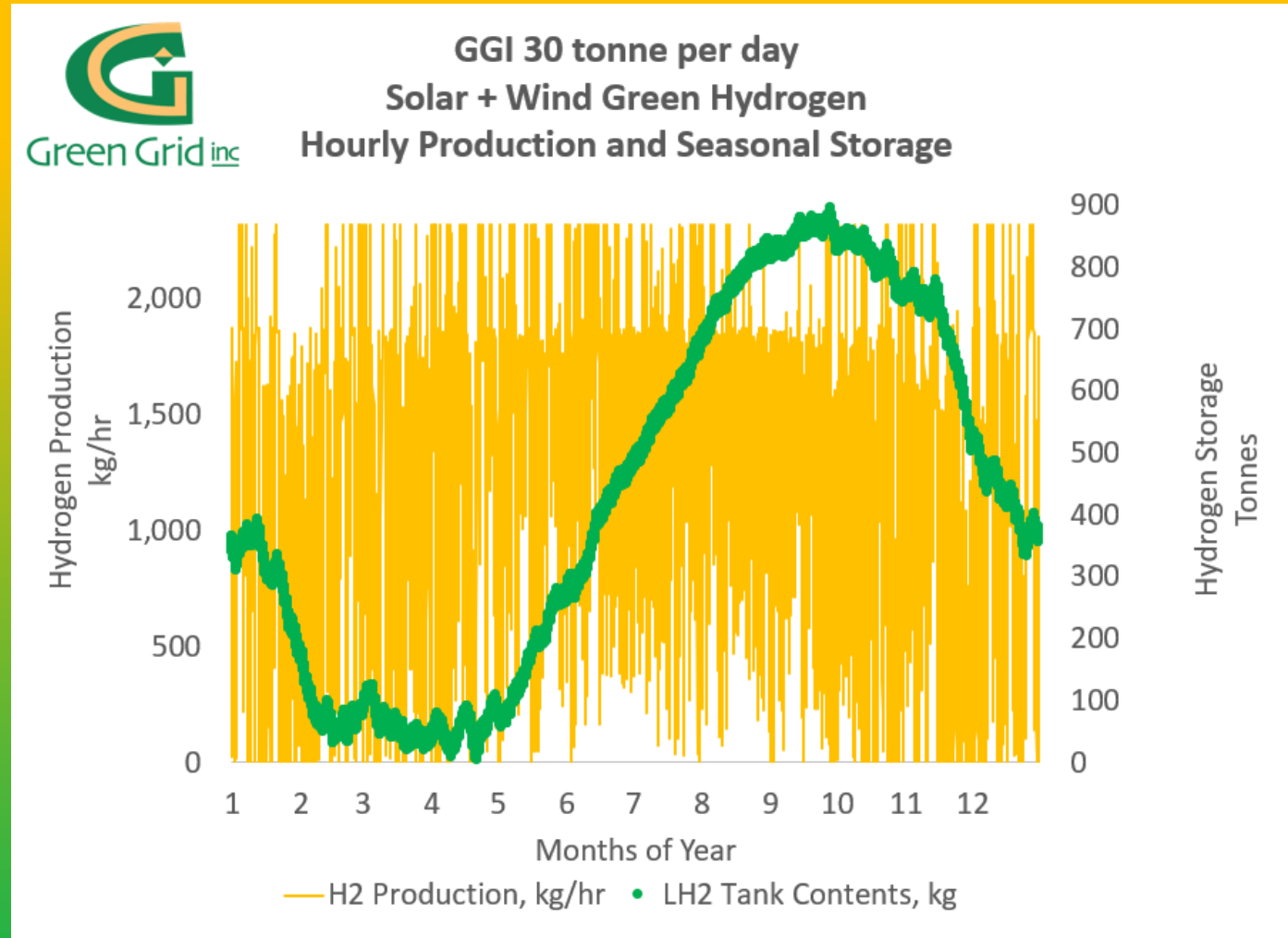
Green Energy Revolution, Green Hydrogen

- World's first green hydrogen fuel capacity reservation (pre-order)
- Converting hydrogen services customers to green hydrogen customers and acquiring new customers
- Green hydrogen production and supply across the nation under SPVs to meet hyper demand

Seasonal Renewable Energy Storage

Project Example

- 30 Tonne per day LH2 product
- 280 MW Solar + Wind
- 900 Tonne LH2 Storage (100ft diameter)
- Supports 50 to 100 new HFS
- Financial analysis supports \$4-5/kg



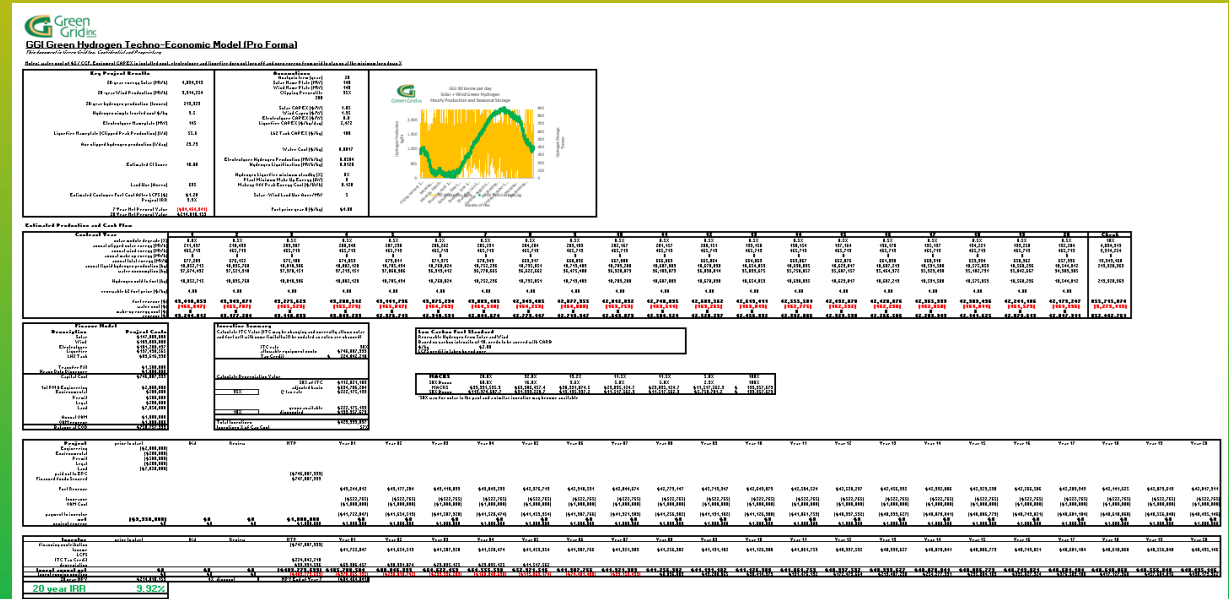
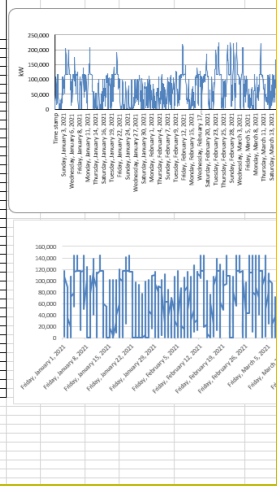
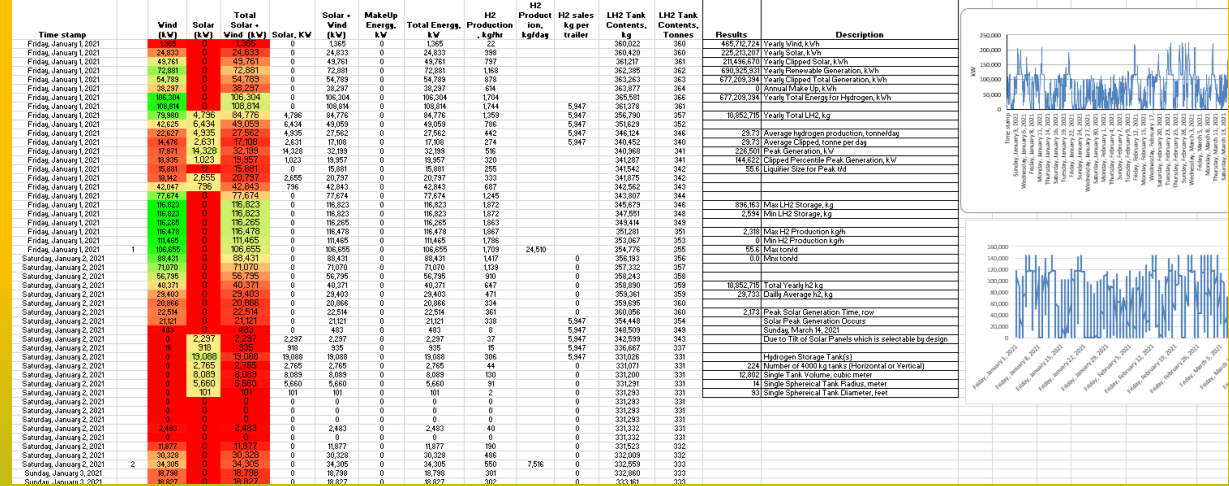
Seasonal Renewable Storage Model + Proforma

- Model

- Hourly resolution
- Site specific solar + wind
- Equipment specs
- Forward or backwards modeling (start with site or h2 demand)

- Proforma

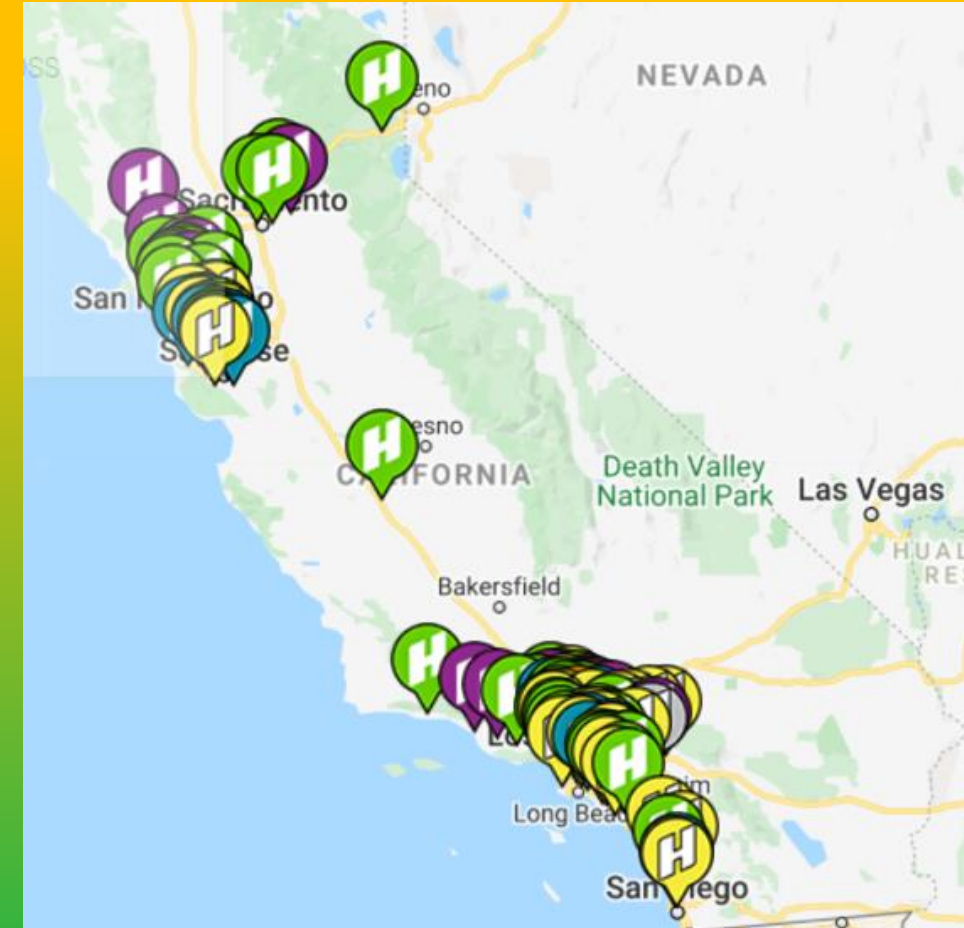
- Site & equipment specs
- Yearly energy & cash flows
- Incentives
- IRR, NPV, \$/kg, \$/kWh



CA Near-term Hydrogen Growth Plan

- 47 open hydrogen fueling stations in CA
- 300 under development
- 1,000 are planned by 2030
- Supporting EO N-79-20 which mandates in-state sales of new passenger cars and trucks to be zero-emission by 2035
- Hydrogen supply needs to increase >100x within this decade to meet demand

[Green Hydrogen Could Become a \\$12 Trillion Global Market](#)



Thank you

We appreciate your interest in Green Grid

Feel free to contact us for next steps toward: collaboration, project, consultation, product development and/or investment interest

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Thank You!