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Proposals to improve the development of renewable hydrogen

Additional submitted attachment is included below.

H2B2
Electrolysis Technologies

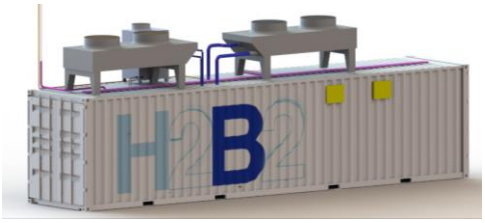
H2B2
Is a technology based company, incorporated in 2016 and present in the United States and Spain, bringing two decades of experience in hydrogen production, processing and technology development.

H2B2 provides innovation, design, engineering, manufacturing, integration, financing and O&M for modular hydrogen production systems using water electrolysis.

With a strong engineering and project financing backgrounds, H2B2 is not a product company but moreover a solution provider in what refers to hydrogen.

Technology
In partnership with Giner ELX, world-leader in manufacturing of Polymeric Exchange Membrane (PEM) stacks for hydrogen production, H2B2 designs, engineers and builds the most efficient electrolyzers in the market.

H2B2 offers a range of standardized electrolyzers producing from 5 Nm3/h to 400 Nm3/h of 99.999% pure hydrogen, plus the capability to design and build solutions for specific applications according to customer's needs.
We emphasize the efficiency, reliability and ease of use of our electrolyzers.



Projects
Most of H2B2 projects revolve around the production of renewable hydrogen by integrating the electrolyzers with energy sources like wind or solar, producing compressing and storing hydrogen for different uses from mobility to methanation or the reverse conversion into electricity (via Fuel Cells).

With multi-megawatt projects in California, H2B2 is interested in fully cooperating to foster the better development of hydrogen legislation and infrastructures in California.

Proposals

- **Provide innovative instruments (bonds/warranties/others) to companies with viable hydrogen projects:** Large energy generators (hydro, geothermal, etc) will always prefer to sign a PPA with a Utility instead of a smaller company, as the utility is capable of offering them a solid proven credit history. That undermines any possibility of other companies to access their renewable energy at the source, lowering or eliminating transmission and distribution costs. Those instruments could help give the aforementioned hydrogen companies the equivalent to a credit background, to be able to opt for a PPA.
- **Improve legislation to allow a broader, easier access to renewable energies through the utilities:** Current programs like DirectAccess are limited, lottery based and expensive once you top the price of generation with the price of transport/distribution. Other alternatives like Green Rate is insufficient (cap of 2MW) and equally expensive. Effectively, those programs don't help to promote or incentive the use of renewable energies by consumers. It is required a much larger availability with cheaper prices and easier to contract tariffs.
- **Develop a program that would incentive the methanation:** Those processes would impulse the use of 100% renewable hydrogen with CO/CO2 captured from the environment. That methane would be renewable and could enhance the pipelines mix.
- **Impose stronger legal goals and deadlines:** for the progressive incorporation of renewable hydrogen in mobility for LD/MD/HD vehicles as well as other industrial applications like refineries, electronics and food.

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