

Hybrid Greentech
Energy Storage Consultants



Your catalyst for the energy storage uptake

A low-angle photograph of several modern glass skyscrapers against a bright blue sky with sun rays. The central building is the most prominent, showing a grid of windows. The sun is positioned to the left, creating a lens flare effect across the sky.

HYBRID ENERGY BUILDINGS

ENERGY STORAGE IN HYBRID ENERGY BUILDINGS

BETTER ECONOMY

- Increased solar profitability
- Lower energy costs
- Low export costs
- Building-2-Grid, electricity markets participation

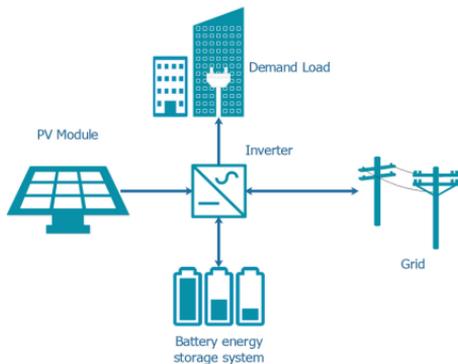
BENEFITS

- Back-up energy supply
- Optimized energy management
- Solar intermittency mitigation

Markets Insider estimates Smart Buildings market value over **\$31.7 billion** by 2022

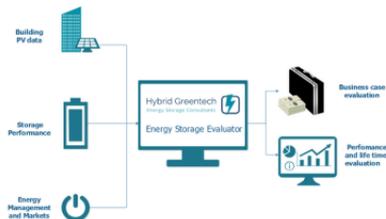
PV + BATTERIES IN BUILDINGS

Combining the two technologies increases the potential savings and return on investment than each on a standalone basis. A PV & storage system can smoothen the energy used onsite, reducing the drawbacks of the solar intermittency and resulting in more reliable reduction of energy and demand charge-related electricity expenses. Moreover, such a solution can render the building's power supply more resilient, which can lower dramatically the increasingly common problem of power outages in some areas. The benefits of such systems are expected to increase as the electric grid tends to decentralize which allows for participation in grid operations (Building-2-Grid operations).



BUSINESS CASE EVALUATION

Hybrid Greentech inspires people to implement energy storage so that together we can achieve 100% renewable energy. By using the latest research and industry knowledge we are making it simple to take an investment decision on energy storage. We develop a world leading decision tool for energy storage, a sizing and optimization platform that decrease cost and increase performance.



EVALUATION TO IMPLEMENTATION

Hybrid Greentech takes the customer through complete proces from evaluation and implementation of energy storage systems in Hybrid Power Plants. Making sure that:

- The customer gets the right energy storage technology for the specific application and plant size.
- Components and systems are designed properly
- The system complies with recommended intentional standards

Hybrid Greentech also:

- Conducts the tender process for customers
- Performs optimisation of energy storage system in the field through operation data

A 2017 study

estimates more than

50%

self-consumption in residential areas when implementing energy storage

Larrea et al. (2016) from REE

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ABOUT HYBRID GREENTECH APS

Hybrid Greentech promote energy storage to reach 100% renewables in the utility and transport sector. We are an energy storage consulting company with more than 25 years accumulated experience in energy storage focusing on battery and hydrogen technologies.