

ACME EcoGrid ESS demonstrated in Tableau of MNRE during Republic Day 2016 Parade



We feel immense pride in sharing that ACME EcoGrid ESS was demonstrated in the in Tableau of Ministry of New & Renewable Energy (MNRE) during this year's Republic Day Parade.

Utilizing our technological capabilities and accumulated expertise as evidenced by a wide array of our innovative technology solutions in the streams of Energy Conservation, Energy Management, Energy Generation and Energy Storage, we have innovated a game-changing Lithium-ion technology based Energy Storage System which is creating strides since its launch.

About Energy Storage System (ESS)

ACME ESS offers backup services for residential, commercial and Industrial users, with an expected operational lifespan of more than 10 years. These lithium-ion based systems are more efficient than existing systems on the market which use standard inverters and lead-acid batteries.

This technology is a combination of chemistry and electronics and is built into a tray. The trays consisting of this integrated combination are modular and hot swappable making serviceability easier than ever. The BMS (Battery Management System) takes care of cell balancing and gives stable output.

This can also be integrated with remote monitoring. Above all the built-in strong safety measure is the key feature.

Advantages

1. Usage of Diesel is eliminated through the proposed ESS Solution
2. LiB has long life and lasts for 4000 cycles with one charge/discharge cycle a day.
3. LiB can be charged quickly, and can be ready to deliver power during next power cut.
4. This solution occupies less space (one fifth of equivalent other technology like Lead Acid Batteries).
5. This new technology reduces losses due to highest ever conversion efficiency as compared to the existing alternative sources of power.
6. By considering the ever increasing Diesel rate per liter, cost of energy becomes cheaper in this case as total cost of ownership and with attractive return on investment.
7. It reduces carbon footprint and promotes green solution with built-in CSR.

For more details, please contact:

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