

# CASE STUDY

---

ACME bags order to supply EcoGrid Energy Storage System to Uttarakhand State Biotechnology Department (USBD)





## **ACME bags order to supply EcoGrid ESS to USBSD**

We take special pride in commissioning our 5 kVA Lithium-ion technology based EcoGrid Energy Storage System at an Auditorium of Uttarakhand State Biotechnology Department (USBSD) to support uninterrupted training and capacity building for students/ researchers/ teachers.

One of the major concerns of the Uttarakhand Council for Biotechnology (UCB) has always been to create awareness on biotechnology packages for income generation and better health care in both urban and rural areas and disseminate the use of biotechnological processes and tools for creating new avenues of employment in rural areas, particularly for women and weaker section of the society.

Trainings and demonstrations in various areas such as wasteland utilization, vermiculture and vermicomposting, mushroom cultivation, floriculture, bio-fertilizer, aqua farming, medicinal & aromatic plants including natural dye plants cultivation, bioenergy, etc. are regularly taken up by the Uttarakhand Council for Biotechnology for raising socio-economic status and standard of living beings in the state.

With this installation, they will be capable to promote the uninterrupted learning on the subject and eliminate their dependence on the traditional alternate sources of power.

Breaking new ground in India, ACME an innovation driven Energy Company offers the country's first of its kind high energy density power back-up solution. This intelligent solution, known as EcoGrid Energy Storage System (ESS), provides users

---

with the ultimate reliable power experience, based on a proven sustainable Lithium-ion based storage technology.


It is taking the world by storm and will change the way how we generate, move and consume energy in near future.

EcoGrid ESS marks a quantum leap in bringing energy independence to Residential, Commercial and Industrial users, providing greater reliability, scalability, efficiency, lower weight, higher energy density, safety performance, zero carbon emissions and much wider temperature range compared to other conventional solutions.

This has unlimited applications wherever energy is required and provides uninterrupted power to the ever-growing energy demands.


The cool benefits of ACME LiB ESS are:

- Fast charging @ 1~3 Hour to make it quickly re-available
- Long Life (life over a decade- considering 1 cycle per day; else much beyond that)
- Hardly any maintenance required
- Wide Operating Temperature Range (-10°C ~ +50°C)
- Lesser Floor Area
- Lighter Weight
- Environment Friendly – 100% Pollution Free/ No Health Hazard, built-in CSR
- Highest Round Trip Efficiency ~93% thus wastage of energy is minimal
- Low total cost of ownership
- More 'Value for Money'

ACME  
Leading Through Innovation  

# Secure Power Without Interruption

EcoGrid Energy Storage System is the right solution to meet the evolving energy requirements of the 21st century.

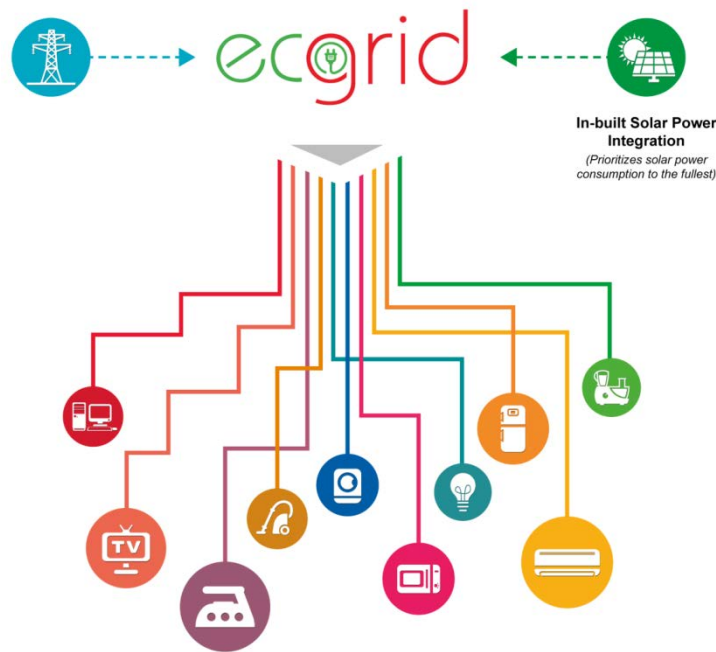


www.acme.in

The newness of ACME's EcoGrid is a breakthrough in terms of technology and its unique characteristics. It is compact and easy to install. It's reliable and safety is the prime criterion.

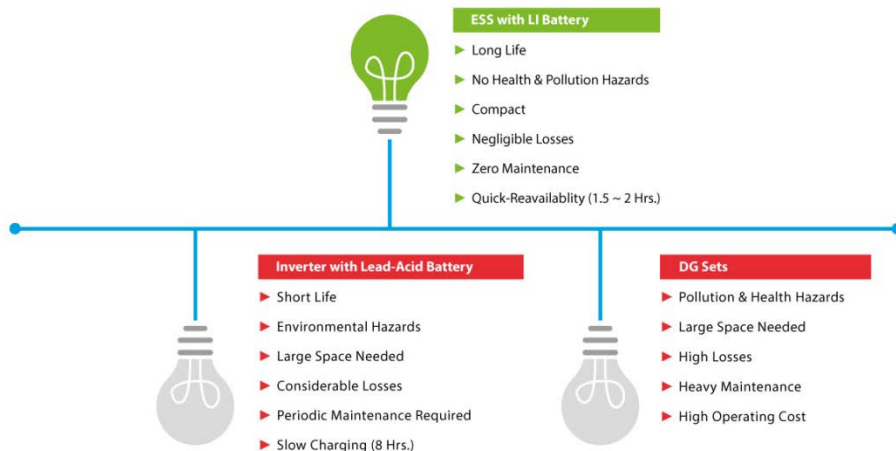
The solution is scalable and can be customized. The convenient usability makes it hassle-free as compared to existing conventional alternative sources of power.

*It provides complete energy independence.*



EcoGrid ESS is a complete energy management system providing a reliable solution to shortcomings of grid power—which can experience voltage spikes and power surges that can permanently damage critical appliances.

### Why ACME ESS is Special





**Commercial Lithium-ion technology based Back-up Power**

A perfect solution for all your energy needs, works as off-grid back-up power supply or Solar integrated grid-tie system.

**Vast applications -**

- Hospitality & Retail
- Healthcare
- Offices
- Grid Scale
- High-Altitude Areas
- Telecom
- Agriculture & Cold Chain
- Industries
- Buildings & Residence

and many more...

EcoGrid ESS is optimized for various applications, in particular for integrating with:

- PV Solar
- Diesel Generation
- Peak power shaving for Heavy Industries
- Electricity Grid-connected Ancillary Services
- Storage on grid

**ACME is committed in promoting and growing a more Energy Secure World**

ACME Group was founded through the focus on innovation and introducing green technology in all energy applications. With a history of success in multiple fields, today ACME is focused in repeating the same success creating, delivering and servicing the next generation of energy storage solutions.

**Why choose ACME Green Technology solutions?**



True Bankability



Higher Return On Investment



Designed For Reliability



Easy To Install



Flexible



Easy To Service



---

**ACME Cleantech Solutions Pvt. Ltd.**

Plot No. 152, Sector-44, Gurgaon, Haryana 122002, India

Tel: +91 124 7117777, Fax: +91 124 7117001

Email: [info@acme.in](mailto:info@acme.in)