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Compass Energy Storage Project

We have a SAFE alternative option to Lithium-ion batteries that you all would like. Our proprietary TNi Energy-BESS LDES innovated a groundbreaking method that repurposes recycled lead-acid batteries, extending their life span to 20 years for energy storage systems. Previously, the industry lacked a safe and environmentally conscious alternative to lithium-ion batteries. However, our proprietary technique reveals that lead-acid batteries are not only safer but also 50-60% more cost-effective than their hazardous counterparts.
20 YR Warranty
Unlimited Discharge cycles
ZERO carbon | ZERO emission
C1 to C20
100% recyclable
Made in USA
6-month lead-time

We are here to help! Please ask me how.
thank you, Bob Heaney

Additional submitted attachment is included below.

Nebulosity Cloud

BATTERY ENERGY STORAGE SYSTEMS

Join the green revolution and harness the Power of TNI Energy's Patented Lead-Acid BESS. Unlocking the Full Potential and lifecycle of Lead-Acid Batteries.

Advantages of TNI Energy BESS:

- Renewable & Sustainable
- Zero Carbon | Zero Emissions
- Unlimited Discharges
- Safe, Secure, Reliable
- Zero Thermal Runaway
- (C1-C20) 2 HR, 4 HR, 6 HR, 8 HR, 10 HR
- Battery Management System
- Tax & Carbon Credit Offsets

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NEBULOSITY CLOUD

UTILITY B E S S FARMS CASE STUDY

Make the right decision for the Earth

PROBLEM

The primary pain point for utility companies when it comes to Battery Energy Storage Systems (BESS) is the high initial capital investment required for deployment and integration into existing grid infrastructure. This includes the costs of purchasing batteries, installation, and necessary upgrades to the grid to accommodate energy storage. Additionally, utility companies face challenges related to the long-term maintenance, management, and potential safety risks of BESS, such as thermal runaway or degradation over time. Ensuring regulatory compliance and securing financing for these projects further complicates the widespread adoption of BESS in the utility sector.

SOLUTION

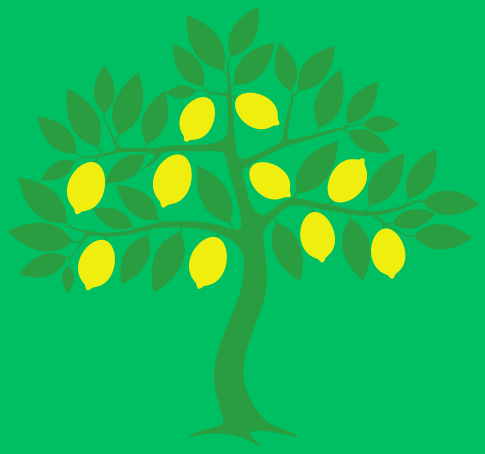
Investing in Battery Energy Storage Systems (BESS) offers utility companies numerous benefits, including enhanced grid stability and reliability through frequency regulation and voltage support. BESS enables significant energy cost savings by storing excess energy during low-demand periods and discharging it during peak times, reducing the need for expensive peaking power plants. It also facilitates the integration of renewable energy sources by ensuring a consistent power supply, which supports higher renewable penetration. Additionally, BESS can defer costly infrastructure upgrades by managing peak loads more effectively and provides critical backup power during emergencies. These investments help utilities meet regulatory requirements, take advantage of government incentives, and contribute to lower greenhouse gas emissions, promoting a more sustainable energy future.

What is Carbon Offset?

CARBON OFFSET CREDITS ARE A MECHANISM FOR COMPENSATING GREENHOUSE GAS EMISSIONS BY FUNDING PROJECTS THAT REDUCE OR SEQUESTER AN EQUIVALENT AMOUNT OF EMISSIONS ELSEWHERE. COMPANIES AND INDIVIDUALS CAN PURCHASE THESE CREDITS TO OFFSET THEIR CARBON FOOTPRINT, THEREBY SUPPORTING INITIATIVES SUCH AS REFORESTATION, RENEWABLE ENERGY, AND METHANE CAPTURE. THE PROCESS TYPICALLY INVOLVES SEVERAL STEPS: CALCULATING THE CARBON FOOTPRINT, CHOOSING VERIFIED OFFSET PROJECTS, PURCHASING CREDITS FROM REPUTABLE PROVIDERS, AND PERIODICALLY REVIEWING AND VERIFYING THE IMPACT OF THESE PROJECTS. CARBON OFFSET CREDITS ARE VALIDATED AND TRADED THROUGH VARIOUS CERTIFICATION STANDARDS TO ENSURE CREDIBILITY AND EFFECTIVENESS, HELPING TO ACHIEVE OVERALL EMISSIONS REDUCTION GOALS AND CONTRIBUTING TO GLOBAL CLIMATE CHANGE MITIGATION EFFORTS.

Does your BESS Qualify?

LET'S SAVE OUR EARTH ONE BESS AT A TIME



WE NEED MORE BATTERY ENERGY STORAGE SYSTEMS (BESS) TO ENHANCE GRID STABILITY AND RELIABILITY BY STORING EXCESS ENERGY FROM RENEWABLE SOURCES FOR USE DURING PEAK DEMAND TIMES. ADDITIONALLY, BESS CAN REDUCE GREENHOUSE GAS EMISSIONS BY MINIMIZING THE RELIANCE ON FOSSIL FUEL POWER PLANTS, THUS SUPPORTING A CLEANER AND MORE SUSTAINABLE ENERGY FUTURE.