

Energy Storage Investment Analysis 101 Workshop

Pragmatic full-day training session on energy storage applications, built around an interactive investment analysis simulation using Philippines case studies

The Bellevue Manila, 13 November 2018

Workshop Overview

Energy storage has become one of the most exciting new business opportunities in the energy sector. Cost reductions in battery technologies are increasingly enabling storage to serve as the missing link that could allow economies to increase dependence on renewable energy as a source of baseload power. Batteries are also increasingly being used to provide a wide range of valuable services in multiple applications for a variety of users.

The Lantau Group (TLG) and the Philippine Solar and Storage Energy Alliance (PSSEA) will be organizing a full-day customized energy storage workshop in conjunction with the ASEAN Solar+ Energy Storage Congress & Expo that is designed to provide participants with the knowledge and capabilities to understand and make informed decisions regarding potential energy storage investment or development opportunities.

Energy Storage Investment Analysis is a continuation of a series of investment analysis workshops that are designed to be practical – employing a skills-based learning approach. The workshop will focus on investment analysis capabilities for Philippines applications and will also cover Southeast Asian storage opportunities.

Workshop Format

The workshop is a pragmatic full-day event that builds knowledge and skills related to project-level energy storage analysis. It consists of:

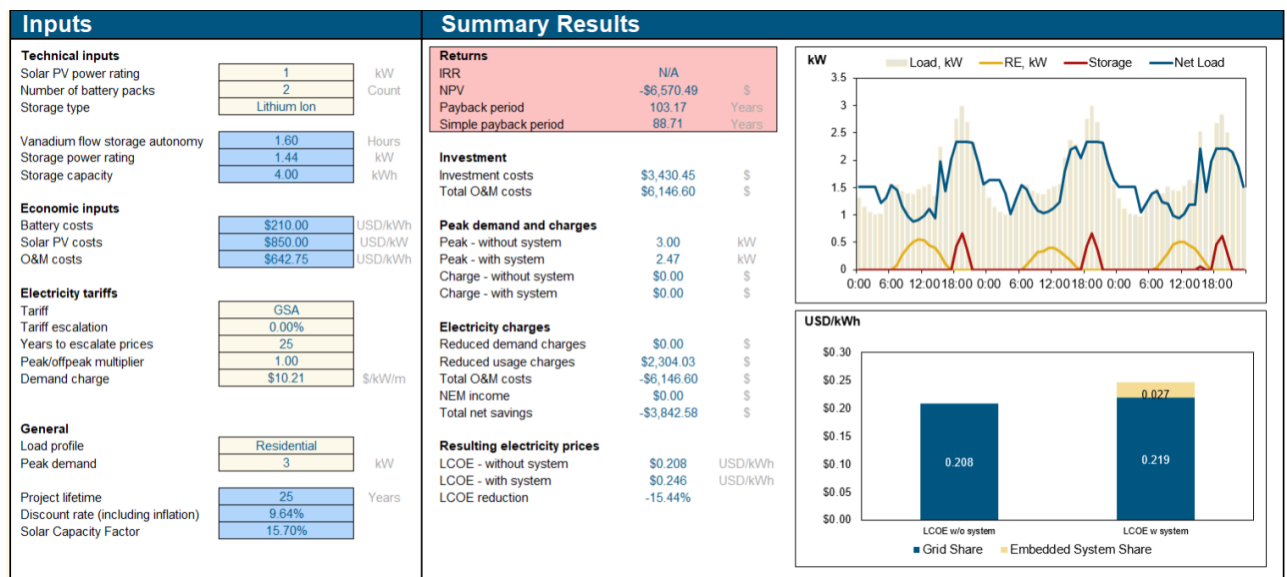
- Expert speaker introduction to key topics important to energy storage viability and investment analysis in Southeast Asia; and
- Investment analysis simulation in groups using a battery storage case study, an Excel-based financial model and an investment analysis exercise.

Investment Case Studies

Groups of 5-7 will work together on a simulation of an investment analysis, selecting to work on one of two cases studies, both based in the Philippines:

1. Behind the meter solar + storage – energy management in an industrial application; and
2. Microgrid application – balancing renewable energy, storage and diesel power to create reliable power for rural populations.

The financial model provided for use in the group sessions is integrated into TLG's Philippines electricity market model, which provides a uniquely sophisticated and realistic learning experience.



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Provisional Workshop Schedule

9:00 am	Workshop Introduction
9:15 am	Energy Storage Overview and Applications <ul style="list-style-type: none">• Energy storage industry update• Drivers of commercial viability• Energy storage applications and business models – focus on C&I segment
10:00 am	Coffee break
10:30 am	Introduction to the Case Study and Model
11:00 am	Initial Group work on Case Study – Energy storage investment analysis simulation
12:15 pm	Lunch
1:30 pm	Energy Storage: Drivers of Commercial Viability
2:15 pm	Group work on Case Study – Deeper focus on key drivers
3:30 pm	Group reporting Conclusions and lessons
4:00 pm	Implications for regional storage deployment <ul style="list-style-type: none">• Update on ASEAN markets• Best prospects countries and segments• Approaches to market development

Who should attend

The Energy Storage Investment Analysis 101 Workshop is designed to provide anyone who expects to play a significant role in energy storage projects with a unique and pragmatic experience that can be applied in the real world. Attendees do not have to have previous exposure to energy storage, finance or related fields, but will need to be able to participate in active group work sessions.

To register

Please email energystorageworkshop@lantaugroup.com

Program Presenters

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Why this Workshop

The workshop focuses on key challenges facing anyone who is interested in exploring projects related to Energy Storage technologies – focusing on Southeast Asia.

It will examine a selection of common and challenging questions, such as: what are the risks involved in storage business models and how these can be measured and quantified. What are the key value drivers for storage business models?

Groupwork in the investment simulation session will provide practical experience in analyzing and optimizing a C&I solar and storage investment prospect. This will be a unique opportunity for interactive development of scenarios and collective evaluation of results.

The content and structure are designed to be pragmatic and useful - with an emphasis on a skills-based approach. Participants are expected to leave the workshop with a well-rounded understanding of core elements of an energy storage investment analysis.