

A Greek power systems engineering and consulting company searches for partners that can provide containerized Energy Storage System solutions from a single module to a full battery rack with a battery management system on-board.

Summary

Profile type	Company's country	POD reference
Business request	Greece	BRGR20220819007
Profile status	Type of partnership	Targeted countries
PUBLISHED	Commercial agreement	
Contact Person	Term of validity	Last update
Areti Mourka	19/08/2022 19/08/2023	30/08/2022

General Information

Short summary

A Greek company providing expert services for Power Generation Utilities, Independent Power Producers (IPPs) and the Renewable Energy sector is looking for partners in order to build containerized Energy Storage System solutions. These systems are used to store energy. The stored energy can be drawn upon at a later time to perform useful operations. The Greek company is looking for Engineering, Procurement and Construction (EPC) providers and partners.

Full description

A Greek company is active in power systems engineering and consulting. Since 2002, the company has provided services and solutions for energy transmission and distribution utilities, power generation companies and industrial facilities.

Moving to a future of sustainable green energy and on account of the continuously increasing demand for electricity production units; Energy Storage Systems form an alternative energy solution that combines reliability, economy, balance and flexibility. The extended development of smart microgrids, and the efficient/intensive operation of current private or public power networks, create the need for more flexibility in the operation of power systems and require the utilization of partially controlled renewable energy resources (RES).

The Greek company is operating as a power systems consultant and as a system's integrator on the power generation and supply sectors. The company is looking for partners that can provide containerized Energy Storage Systems extended from a single module to a full battery rack with a battery management system on-board.

The system shall be designed to ensure safety for the operator and access to all important interfaces.

Partners around the globe are sought to provide these Energy Storage System. The Greek company intends to engage in subcontracting or a joint venture agreement.

Advantages and innovations

A battery energy storage system is a sub-set of energy storage systems, using an electro-chemical solution. In other words, a battery energy storage system is an easy way to capture energy and store it for use later, for instance, to supply power to an off-grid application, or to complement during a peak in demand. They are usually not used to replace the grid power completely but instead are used to offer short-term solutions in applications where access to grid power is intermittent or the use of a generator is unsuitable. Energy storage systems are also often used to manage energy generated from intermittent sources, such as solar panels.

A variety of different battery technologies is available for use in battery energy storage systems and these systems have grown in popularity. Key characteristics of the system include:

- their long working life,
- wide operational range,
- lightweight structure,
- high energy-efficiency,
- and crucially the declining cost of the technology.

These, combined with the low total cost of ownership and sustainability, make them attractive for several applications.

Stage of development

Already on the market

IPR Status

No IPR applied

Sustainable Development goals

- **Goal 13: Climate Action**
- **Goal 9: Industry, Innovation and Infrastructure**
- **Goal 11: Sustainable Cities and Communities**
- **Goal 7: Affordable and Clean Energy**

Partner Sought

Expected role of the partner

Partners across the globe are sought in order to provide these Energy Storage System solutions under subcontracting or a joint venture agreement.

The partners need to be reliable.

Partners also need to adhere to ethical and sustainable practices.

Type of partnership

Type and size of the partner

Commercial agreement

- SME 11-49
- R&D Institution
- SME 50 - 249
- University
- Big company
- SME <=10

Dissemination

Technology keywords

- **04001003 - Storage of electricity, batteries**
- **04002012 - Other energy related machinery**
- **004006001 - Energy management**
- **04002013 - Smart grids**

Targeted countries

Market keywords

- **06009 - Energy Distribution**
- **06002003 - Power grid and distribution**
- **06003010 - Distributed power and grid connection**
- **06008 - Energy Storage**

Sector groups involved

- **Sustainable Construction**
- **Intelligent Energy**
- **Environment**
- **Creative Industries**

Media

Images



[Battery Container](#)

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