

# CHARLES DEVAUX

## Project and Construction Manager - Solar PV & BESS | Japan (APAC)

Delivering utility-scale renewable energy projects from development through construction, with a focus on EPC structuring, grid integration, and portfolio execution.

Tokyo, Japan • English / French / Japanese • Open to opportunities

6+

Years Experience

~50 MW

Managed

25+

Sites

~40 MWh

BESS

### EXECUTIVE SUMMARY

Project Manager with 6+ years of experience delivering solar PV and battery energy storage (BESS) projects in Japan. Proven track record in managing multi-site portfolios, structuring EPC contracts, and coordinating technical design between Japanese and international engineering teams.

Strong expertise in the development process from project feasibility evaluation to cost-driven project execution. Bridges engineering and commercial decision-making to deliver bankable projects.

### PROFESSIONAL EXPERIENCE

#### Peak Energy Japan

Tokyo, Japan | Project and Construction Manager | June 2025 - Present

- Managing a portfolio of ~50 MW across 25+ solar PV sites, including co-located BESS systems (~40 MWh).
- Leading EPC tendering, technical scope definition, and commercial evaluation across multiple projects.
- Coordinating with international engineering teams to develop optimised system designs and layouts, through on-site visits and drone surveying.
- Supporting project development teams across ground mount, carport, and rooftop projects in assessing site feasibility and potential.
- Structuring project BoQs and cost breakdowns to enable consistent cross-EPC comparison and procurement decisions.

#### Shizen Engineering

Tokyo, Japan | Project Manager | 2023 - June 2025

- Managed the EPC contracting and construction of a 44 MW PV project in Fukushima, Japan.
- Managed EPC subcontractors from design through construction phases, including scheduling and cost control.
- Coordinated communication between the developer and the EPC through regular reporting and close client-focused collaboration.
- Coordinated engineering deliverables including layouts, SLDs, and technical specifications.

#### Shift Energy Japan

Fukuoka, Japan | Design & Survey Specialist | 2019 - 2023

- Conducted site feasibility assessments using UAV surveys, LiDAR, and GIS analysis.
- Produced detailed layouts using AutoCAD and Civil 3D.
- Supported early-stage development through terrain analysis, shading studies, and yield optimisation.
- Built geospatial workflows to improve site evaluation accuracy and speed.
- Supported company expansion through training of new joiners, creation of marketing material and 3D site visualisation for fundraising, and accompanying potential investors on site visits.
- IT manager.

### TECHNICAL SKILLS

#### Project & Commercial

- EPC Contracting & Tendering
- Portfolio Management (Multi-site PV/BESS)
- Cost Structuring & BoQ Standardization
- Schedule & Risk Management

#### Engineering

- PV System Design (Utility-scale)
- Feasibility & Yield Analysis

#### Digital & Tools

- ArcGIS / QGIS
- AutoCAD / Civil 3D
- LiDAR & UAV Survey Processing
- Excel (Advanced, Power Query)
- Coding and custom tool creation (Web UI for in-house tools)

### LANGUAGES

- French: Native
- English: Fluent (daily professional use)
- Japanese: Intermediate (meetings, technical coordination, site visits)
- Spanish: Intermediate (conversational)

### EDUCATION

#### KEDGE Business School

MBA - Strategic Management and Human Resources  
*Master thesis: Managing creative people.*

### EARLY CAREER

- Asteroid Day - Project Support (Internal coordination and marketing)
- Agnes b. - Operations & Logistics