

Be in charge

AGEERA



CHALLENGE

As power demand increases, availability and quality is falling

- Population growth and rising quality of life
- Accelerating renewable energy transition
- Cross-sector electrification, especially in transportation
- Growing volume and complexity in data management
- Climate change
- Increasing frequency of emergencies and natural disasters



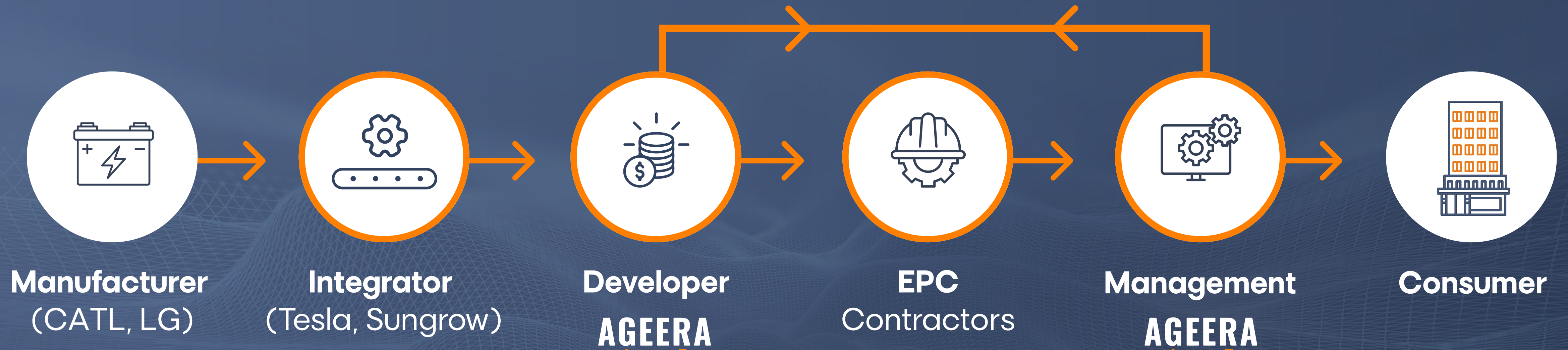
SOLUTION

Turning passive consumption into active revenue generation



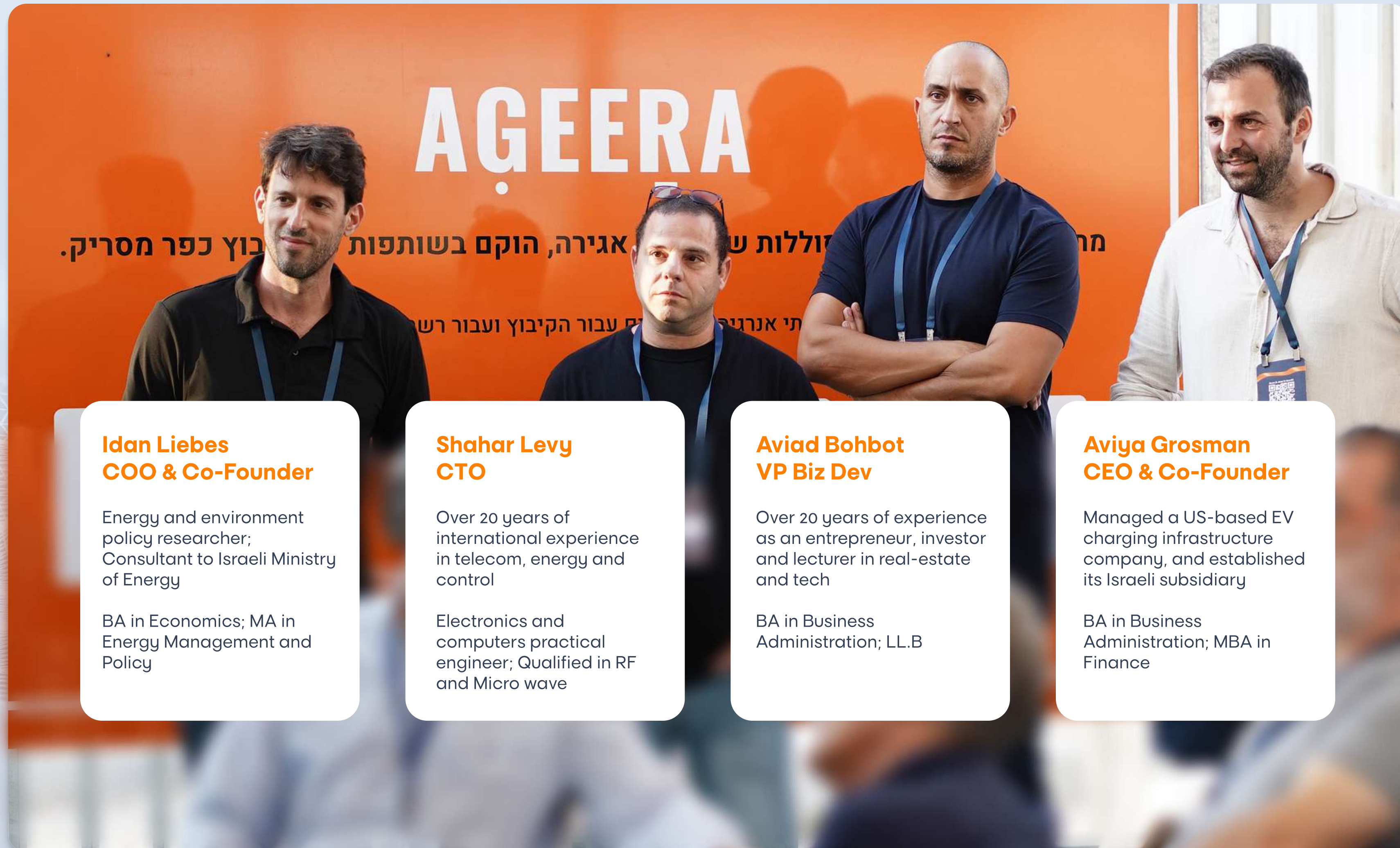
STAKEHOLDERS

Creating synergy in the best parts of the value chain



TEAM

Exceptional experience and proven track record



Idan Liebes
COO & Co-Founder

Energy and environment policy researcher; Consultant to Israeli Ministry of Energy

BA in Economics; MA in Energy Management and Policy

Shahar Levy
CTO

Over 20 years of international experience in telecom, energy and control

Electronics and computers practical engineer; Qualified in RF and Micro wave

Aviad Bohbot
VP Biz Dev

Over 20 years of experience as an entrepreneur, investor and lecturer in real-estate and tech

BA in Business Administration; LL.B

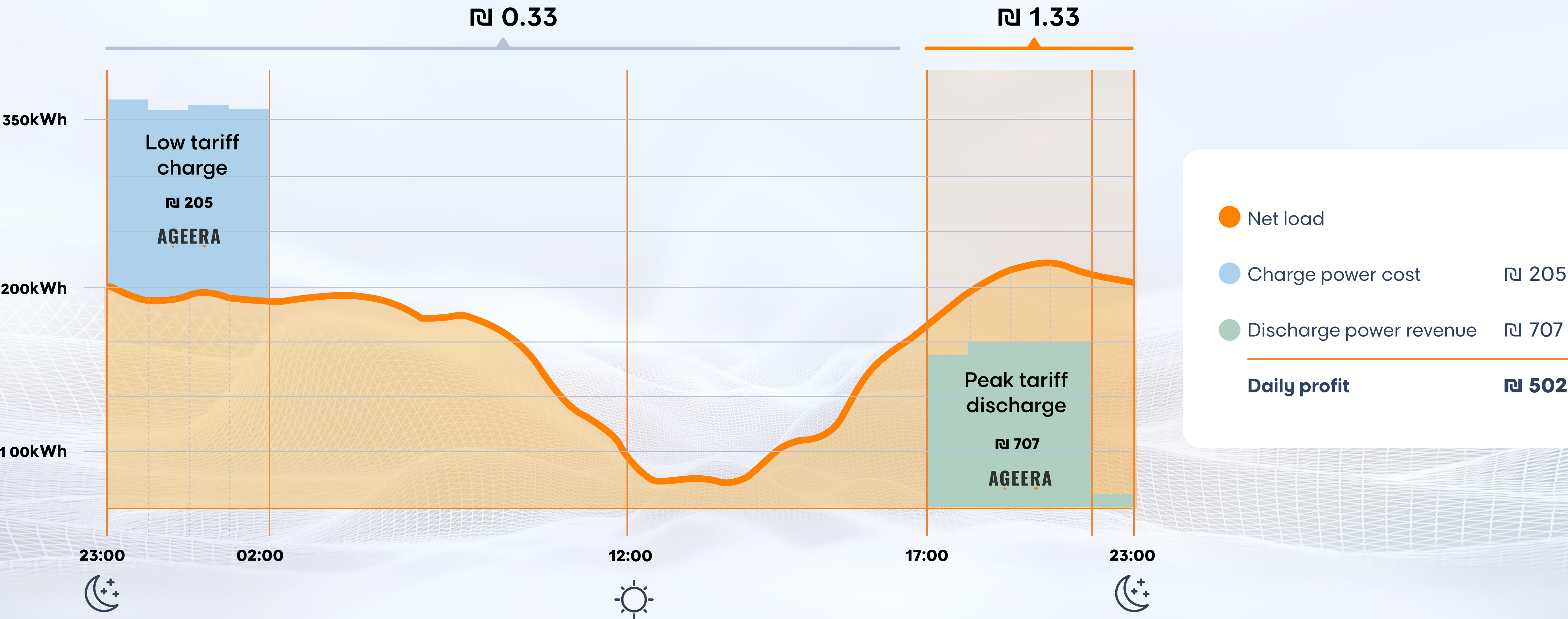
Aviya Grosman
CEO & Co-Founder

Managed a US-based EV charging infrastructure company, and established its Israeli subsidiary

BA in Business Administration; MBA in Finance

TYPICAL DAY

Compelling load-shifting business case



Standout development tracks

EMS controller

Energy Management System

Autonomous controller for onsite command and control, running on fortified hardware with cyber security

Continuous monitoring of all onsite consumption and generation assets from varied vendors

Short interval data acquisition logged at a local database

Full real-time energy balance

Fault prediction and real-time failure alerts

VPP platform

Virtual Power Plant

Aggregated cloud management for multitudes of distributed sites

Generation and consumption forecasting system, based on advanced algorithmics and AI reinforced learning

Modeler tool for simulation and optimization of operation regimes

Big data management and analysis tool in a data warehouse

Command and control center for alerts, service calls management and SLAs tracking

V2G module

Vehicle to Grid

Smart management of electric vehicles fleet functioning as a distributed energy storage asset

Energy management for large-scale charging infrastructure

Direct communication controller between the charging station and the vehicle's battery management system

Short development, long-term investment

Partner-owned SaaS

AGEERA receives a share of the project's gross profit

AGEERA-owned Revenue sharing

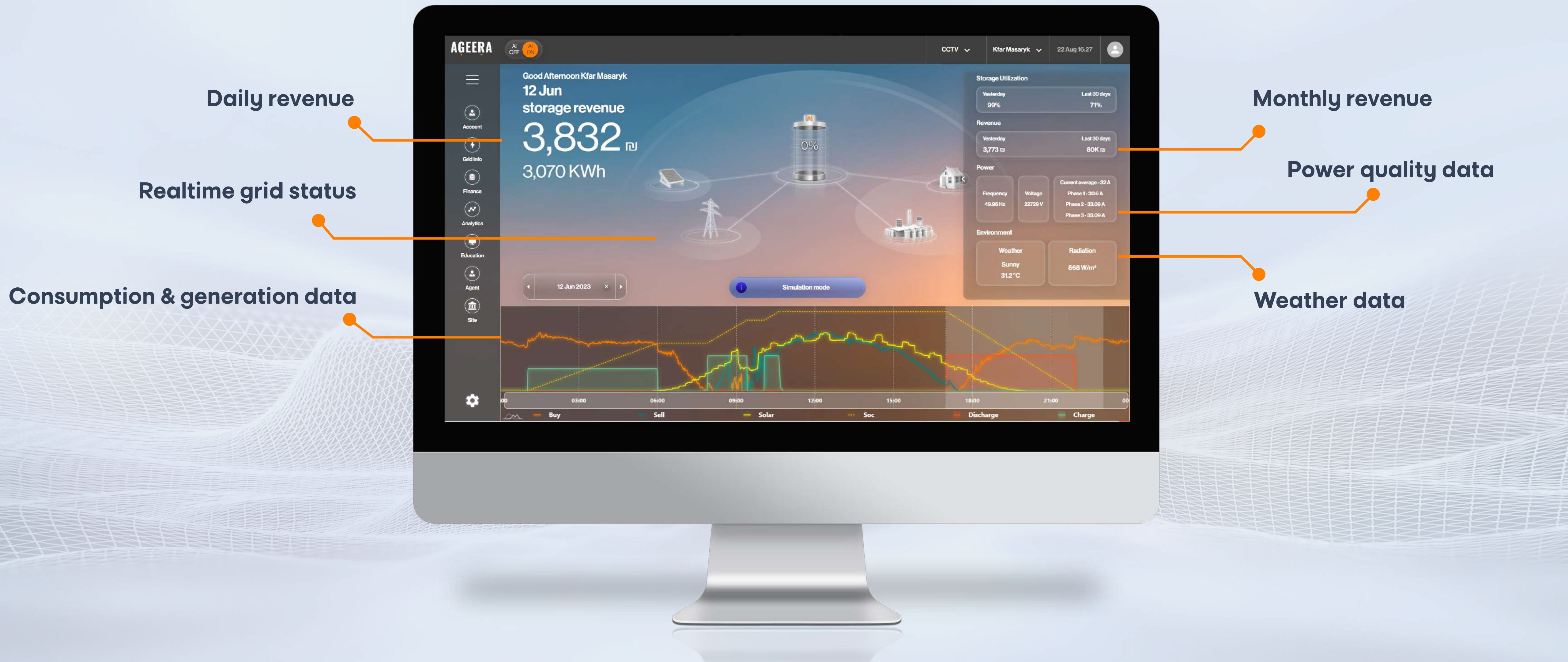
Partner receives 12% of the project's gross profit

Partnership Joint venture

Investment and profit shared

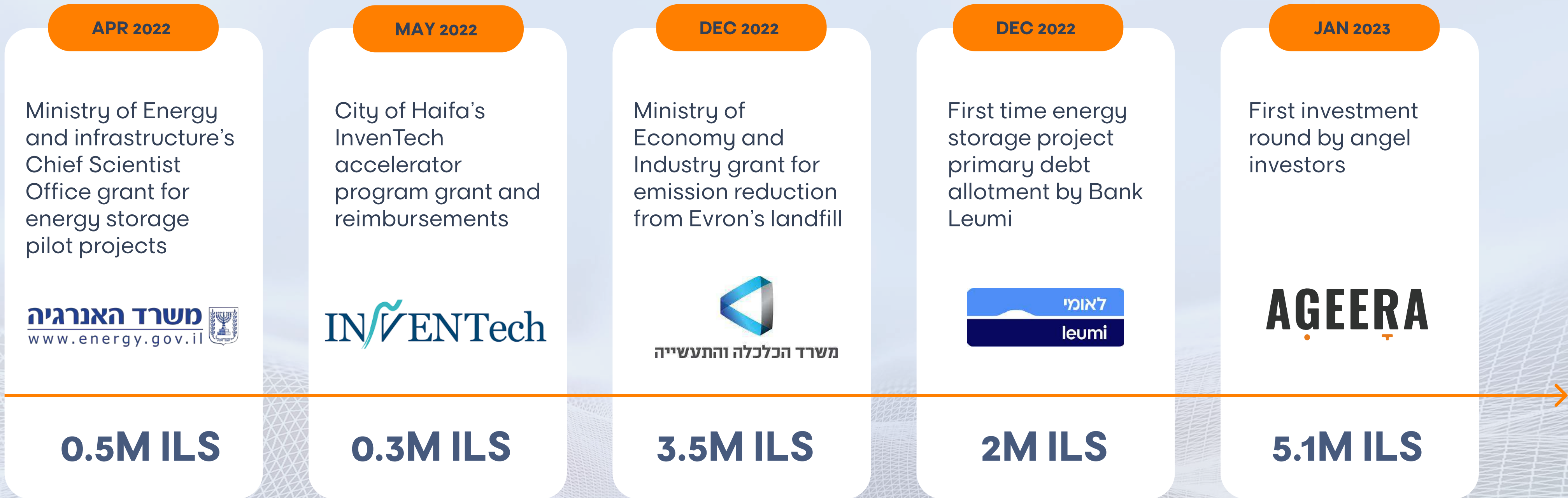


Real time energy and finance management



MILESTONES

Diverse financing and grants record



Significant near-term growth trajectory

Sales forecast 2023-2025

	2023	2024	2025
Signed contracts (MWh)	112	250	500
Installed capacity (MWh)	4.5	120	300
Installed capacity CAPEX (Millions ILS)	3.8	102	255
Project ARR (Millions ILS)	0.7	18.4	45.9

Verticals:

 Kibbutzim

 Utilities

 Industry

 Commerce

 Hospitality

 Healthcare

 Defense

 Campuses

VISION

Much more than the sum of its parts

Aggregated virtual power plant (VPP) network

Orchestrated management of the network balances out the power demand between distributed sites

VPP creates added value from grid services and increases revenue for the participating assets owners

Distributed management of energy storage systems enables delivery of national-level grid services with an aggregated power rating that exceeds a conventional power plant

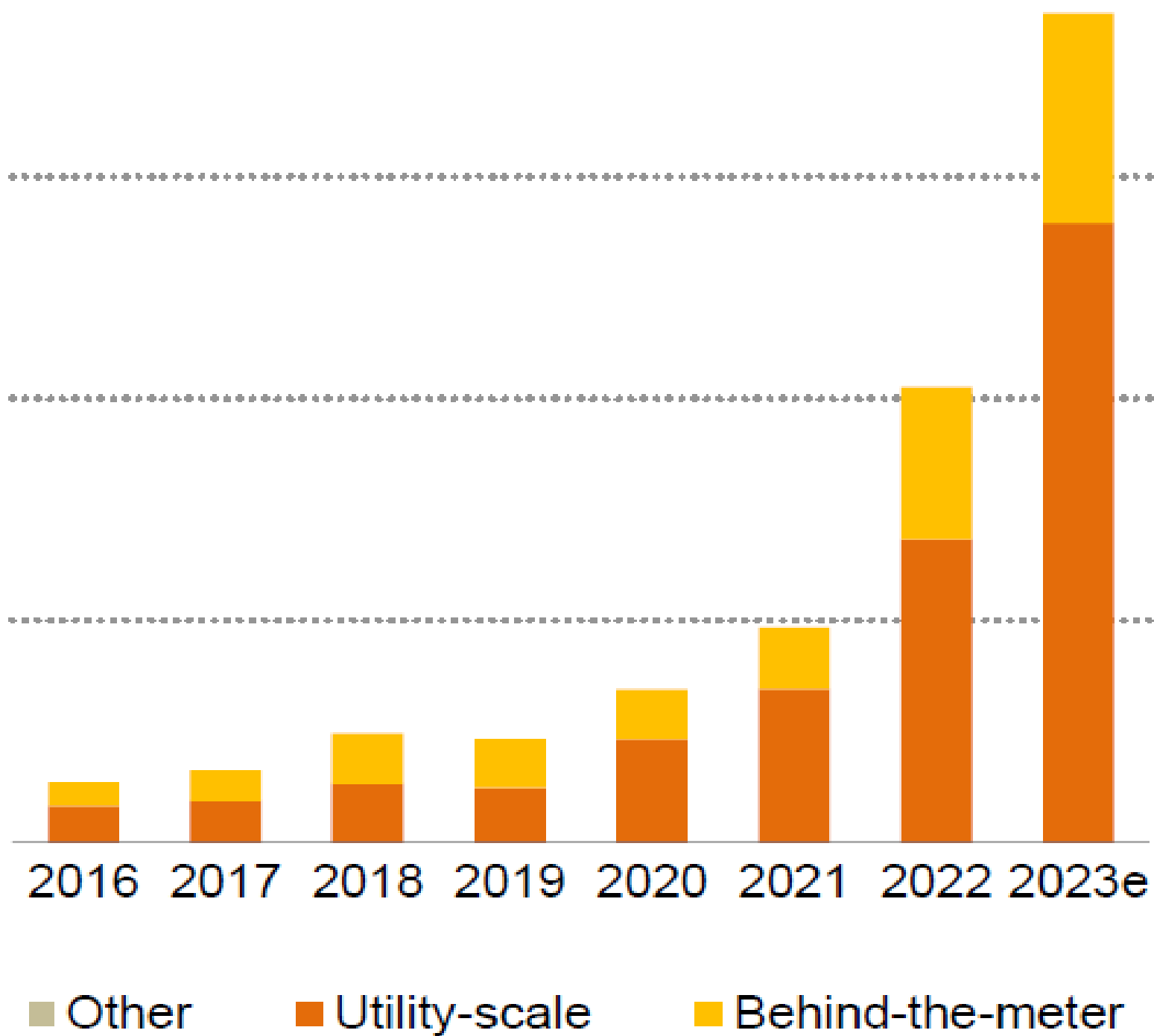
A VPP deployment cost is about 20% of a comparable conventional power plant backed by the power demand of the assets hosts



MARKET

Strong global growth trajectory

Battery storage investment by segment, 2016-2023e



IEA (2023). World Energy Investment 2023

The global stationary energy storage market size was valued at

\$31.22 billion

in 2021

\$224.3 billion

by 2030

2022 will be followed by a

23%

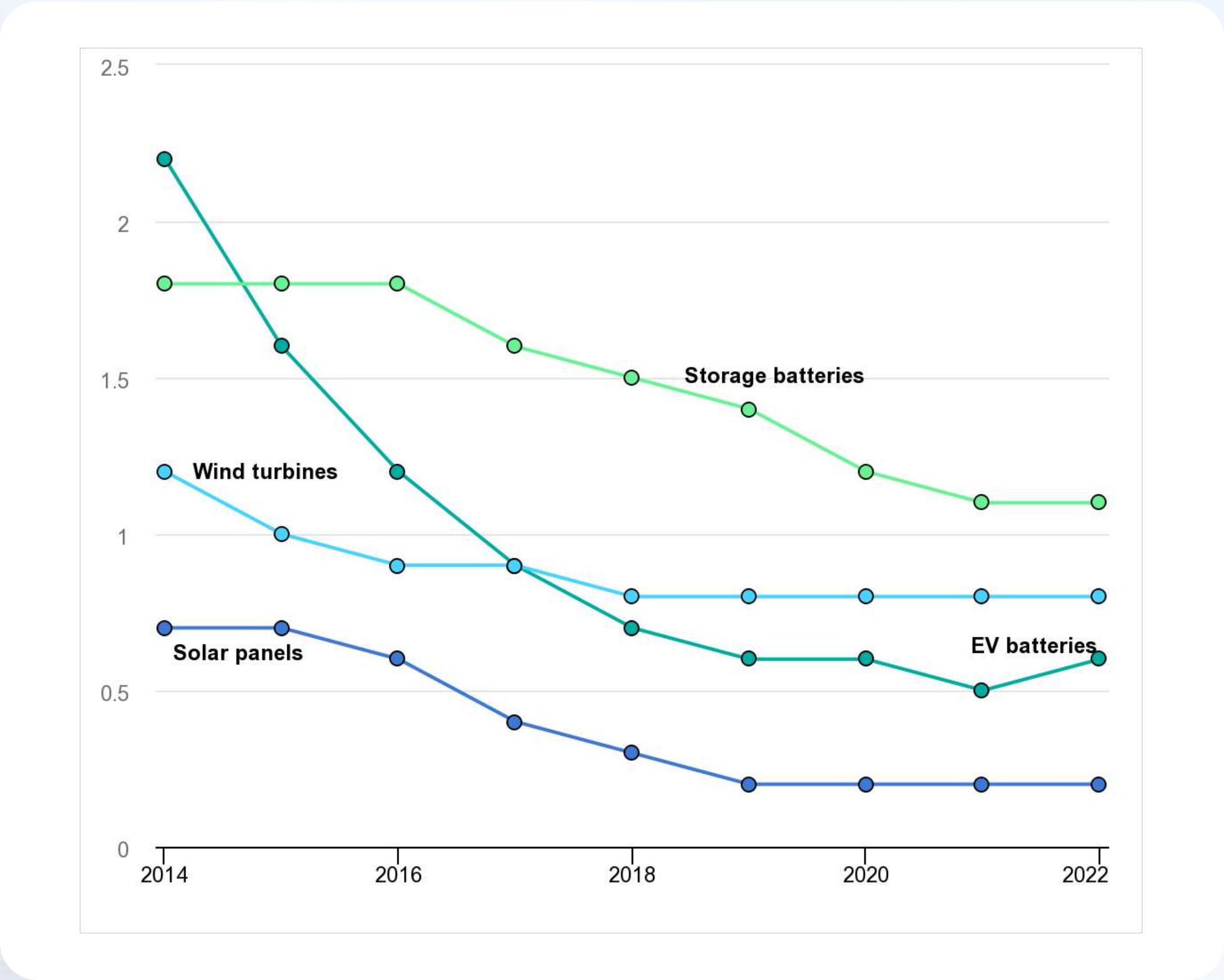
compound annual growth rate to 2030

with annual additions reaching 88GW/278GWh, or 5.3 times expected 2022 gigawatt installations

BATTERIES

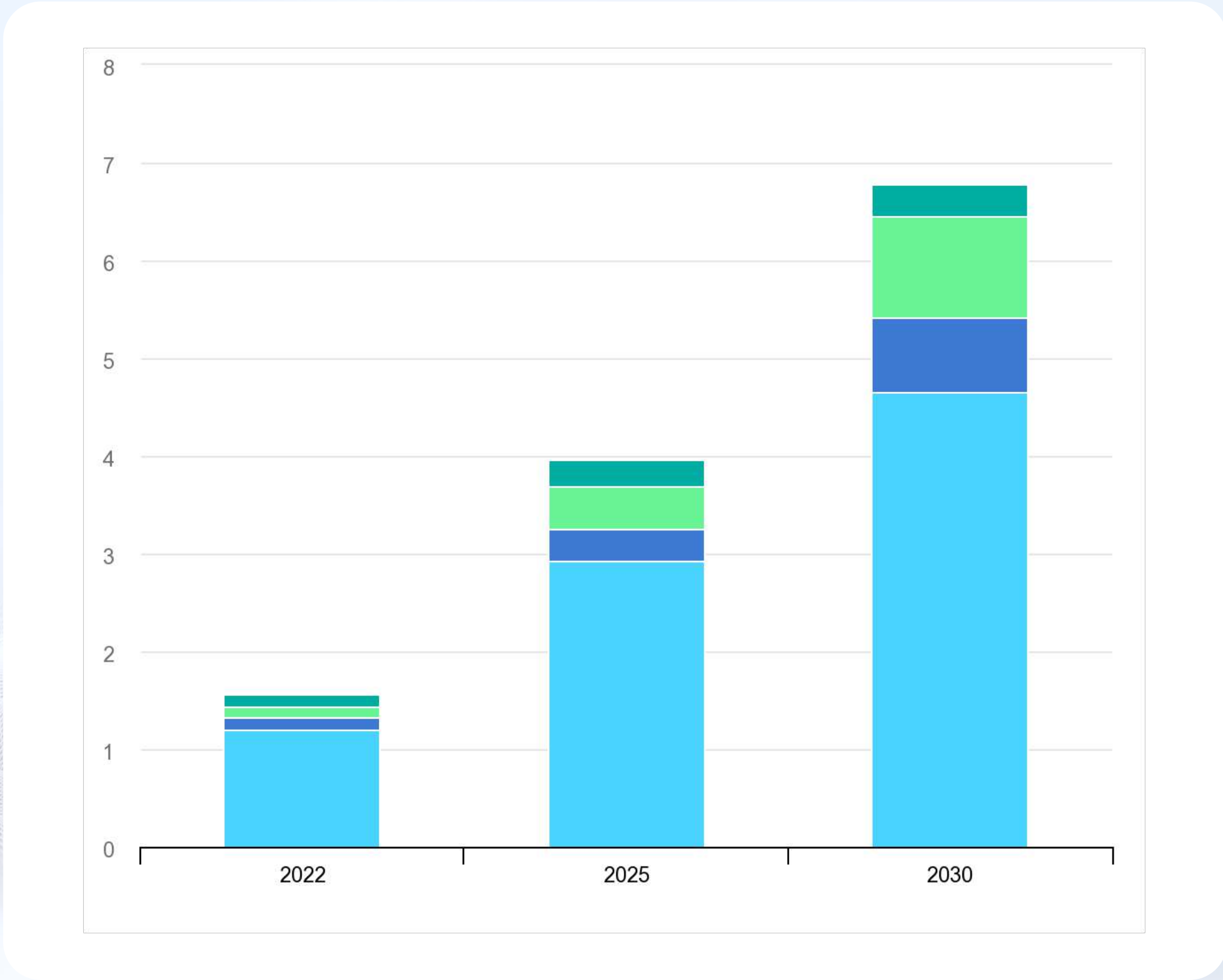
Higher supply, lower cost

Average prices for selected technologies, 2014-2022



[IEA \(2023\). World Energy Investment 2023](#)

Lithium-ion battery manufacturing capacity, 2022-2030



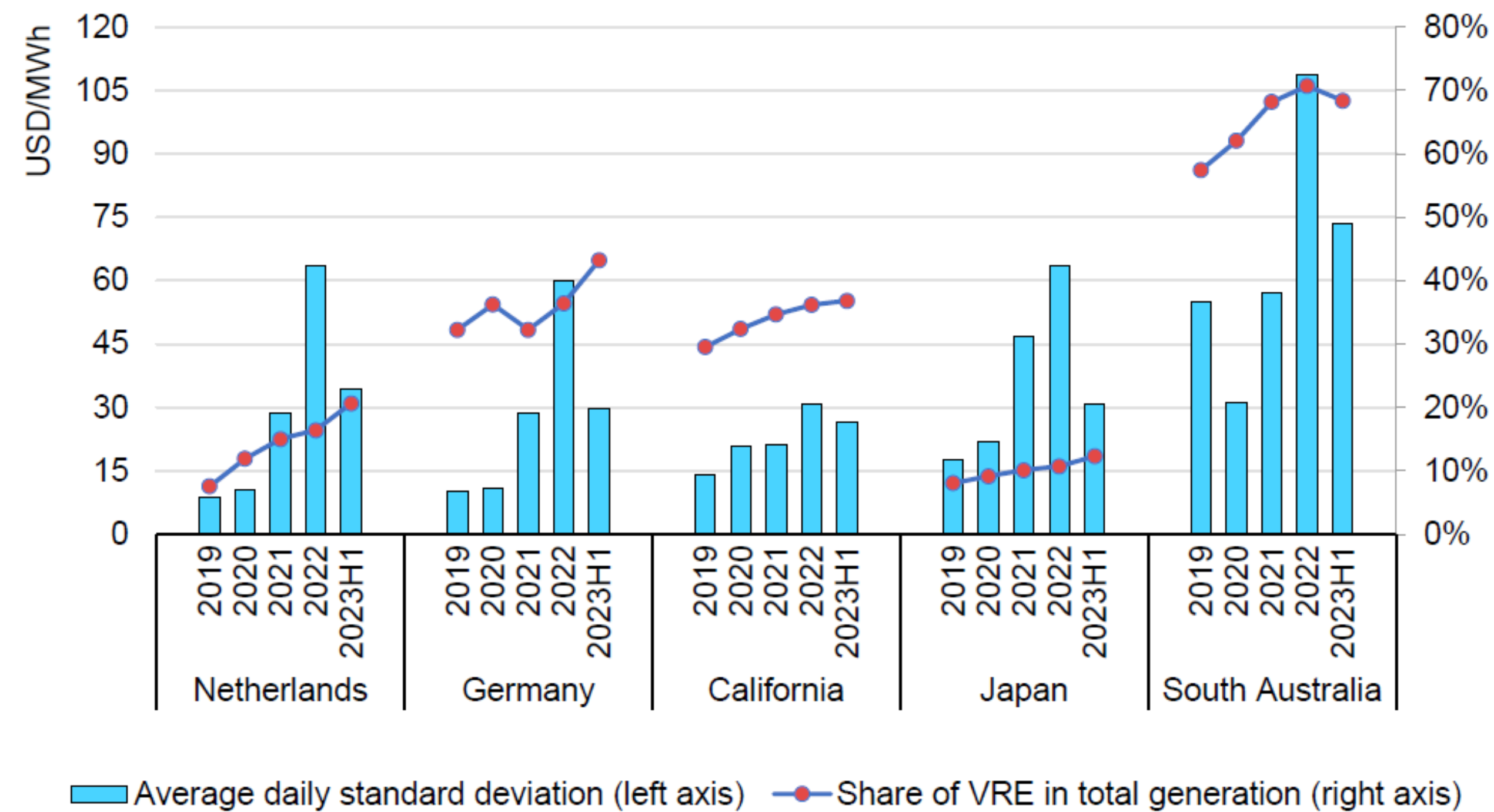
[IEA \(2023\). World Energy Investment 2023](#)

TREND

Arbitrage increase with renewables

The business case for energy arbitrage is becoming more attractive

Average daily standard deviation and share of variable renewable energy in total electricity generation in selected regions, 2019-2023H1



IEA (2023). Electricity Market Report – Update 2023

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