



INDIA · AFRICA · GULF
Vadodara · Accra · Lusaka · Dubai

COMPANY PROFILE

Engineered In India, Executing Globally

2.75 GW+

Global portfolio

1.3 GW+

India portfolio

1.45 GW+

Africa portfolio

200+ Projects

Delivered end to end

25 Years

Of complete O&M

Inside This Profile

A complete view of the company, our capabilities, the portfolio we have delivered and the work now under way across two continents.

01	The company	03
	At a glance, who we are, our directors and our model	
02	Why Teravon	07
	The case for choosing us, and the clients we serve	
03	What we do	09
	Our services, engineering, operations, the HPFC, green hydrogen plants and certification	
04	India portfolio and impact	21
	Market, portfolio, clients and carbon impact	
05	Teravon in Africa	26
	The opportunity, our presence, Zanzibar, partnership and one model	
06	Leadership and what is next	33
	Industry engagement and building the next gigawatt	



⚡ **ENGINEERED IN INDIA**

Executing Globally, plant by plant

Solar EPC, End To End, For 25+ Years

We design, engineer, procure, build, commission and operate utility and industrial solar, wind and storage. Every discipline sits in house, and every plant carries a generation guarantee that lasts the life of the asset.

2.75

GW+ global portfolio

1,308.72 MW across India and 1,450 MW across Africa

200+

Projects delivered

Built by our own engineering and site teams

25

Years of complete O&M

With a generation guarantee on plant performance



— ⚡ Utility Scale, Ground Mounted Solar Site, Gujarat

Built In Gujarat, Building Across Two Continents

Teravon Green Energies Limited is an Indian solar EPC company incorporated in Gujarat in 2022, with more than 200 projects delivered for industrial and utility clients.

We design, engineer, procure, build, commission and operate. Every discipline sits in house, and nothing is subcontracted on the critical path. It is how a plant engineered in India can be executed to the same standard anywhere in the world.

In House

Every discipline across the project lifecycle

200+

Projects delivered since incorporation

Incorporated as Teravon Green Energies Limited · CIN U31900GJ2022PLC136051 · Vadodara, Gujarat



— ⚡ Our engineering team

The People Behind the Projects

A founder led team of engineers and finance professionals, with senior advisory and executive leadership, hands on across every project from the first yield model to 25 years of operation.



Aniruddhasinh Metiya
Executive Director



Meet Patel
Executive Director



Siddhrajsinh Metiya
Executive Director



Mukesh Manglani
Executive Director



Dr. Dinesh Brahmbhatt
IAS (Retd.), Advisor,
Strategic Planning and
Global Expansion
Programmes



⚡ OUR MODEL

Engineered In India, Executing Globally

01

World Class Engineering

In house design tuned for energy yield and cost, from first model to grid compliance.

02

Skilled Workforce

Our own trained crews execute to a single standard of quality and safety in every geography.

03

Complete Lifecycle

Design, procurement, construction, commissioning and O&M under one roof, nothing subcontracted.

04

Global Execution

Proven across Gujarat and India, now delivering across East and Southern Africa.

The four together are why a project engineered in India can be executed, and stood behind, anywhere.

Why Developers, IPPs and Governments Choose Us

⚡ THE TERA VON PROMISE

Three priorities that define a bankable partner.

- One accountable team
- Uncompromised quality
- Stronger project economics

We deliver all three by keeping every primary activity in house and pioneering Tier 1 global procurement, for

stronger returns for our clients.

01 ⚡

One stop, fully in house

Engineering, procurement, construction and 25 year O&M under one roof. One accountable team, quality checked by us, nothing outsourced.

03 ⚡

In house engineering force

Skilled engineers who plan, design and execute on any terrain, from yield modelling to grid compliance and energisation.

05 ⚡

EPC, equity and O&M partner

We can invest equity alongside select projects, so governments and developers gain a partner with real commitment.

02 ⚡

Tier 1 global procurement

An in house desk sourcing Tier 1 modules, inverters and balance of system from OEMs worldwide, at prices that lift returns.

04 ⚡

O&M with a guarantee

Advanced cleaning, crews on the ground around the clock, live SCADA and CCTV monitoring, and zero client attrition to date.

06 ⚡

Bankable by design

Certified management systems and disciplined delivery that lenders and investors can underwrite with confidence.

Built for Everyone Who Builds Energy

Whatever your role in the value chain, we bring the same in house capability and procurement advantage, and stand behind every plant for 25 years.



Tier 1 global procurement and one in house team lower delivered cost and lift returns, with a single point of accountability from design to O&M.

⚡ **TIER 1 PROCUREMENT · IN HOUSE EPC**



A 25 year O&M service with a generation guarantee, live SCADA and crews around the clock, protecting yield across the whole asset life.

⚡ **25 YEAR O&M · GENERATION GUARANTEE**



A proven EPC that can also invest as an equity partner, delivering to schedule while building local jobs and skills.

⚡ **EPC AND EQUITY PARTNER**



Turnkey rooftop and ground mount solar with in house engineering and O&M, cutting energy bills without the operational burden.

⚡ **TURNKEY IN HOUSE DELIVERY**

⚡ We also partner with financiers, EPC developers and captive power users across India, Africa and the Gulf, wherever a plant needs to be built and kept running.

What We Build and Operate

Across utility and industrial clients we deliver the full range of renewable assets, from solar generation to firm hydrogen power, and keep every plant generating for the life of the asset.



World Class Engineering, In House

Our engineering team owns the plant from the first yield model to grid compliance. Layout and stringing, structural and foundation design, DC and AC balance of system, SCADA and protection are designed in house and optimised together for energy yield and cost.

Yield and performance modelling

Site specific simulation and loss analysis

Structural and foundation design

Engineered for terrain, wind and soil

Electrical balance of system

Cabling, combiners, inverters, transformers

SCADA, protection and grid code

Monitoring and compliant grid connection

1 Team owns the plant from first drawing to grid connection, and then operates it



— ⚡ Engineering on site

A Skilled Workforce, One Standard Everywhere

Teravon executes with its own trained crews across mechanical, electrical, civil, commissioning and O&M. Because the people who build our plants are ours, quality, safety and pace hold to a single standard, whether the site is in Gujarat or on the Indian Ocean coast.

5

Site disciplines
under one command

1

Standard of safety
and quality,
everywhere



— ⚡ Site execution crew

From civil and mechanical to electrical commissioning, our crews move as one team, carrying the same methods and the same safety culture onto every site we take on.

One Team, The Whole Project Lifecycle

From the first line drawn to the twenty fifth year of operation, one team carries the project. Every stage is owned in house, so accountability never changes hands.



— Design

Concept, layout and yield



— Engineering

Detailed design and BOS



— Procurement

Tier 1 global sourcing



— Construction

Civil, structures and DC



— Commissioning

Testing and grid connection



— O&M, 25 Yr

Monitoring and upkeep

One accountable team

The people who design the plant build and operate it

Nothing subcontracted

Every critical path discipline stays in house

25 year horizon

Accountability from first drawing to year 25

Global Sourcing, Tier 1 Materials

Our engineering team specifies every component, then procures from bankable, Tier 1 global suppliers. Quality is controlled from factory to field, so the materials in the ground match the plant on paper.

⚡ Modules and inverters	Bankable, high efficiency, warranted
⚡ Transformers and switchgear	HT and LT, tested to standard
⚡ Mounting structures	Galvanised, engineered for site
⚡ Cables and BOS	Cabling and earthing systems



— ⚡ Specified and quality controlled

A Digital Backbone For Every Plant

Handover is where our data begins. Every plant is monitored live and analysed continuously, so performance is protected across the whole fleet, not just checked on a visit.

⚡ Live SCADA and remote monitoring

Every plant watched around the clock from our operations desk.

⚡ One operations view

Generation, faults and performance for the fleet in a single dashboard.

⚡ Drone thermography

Modules scanned for hotspots and defects before they cost yield.

⚡ Predictive analytics

Trends turned into action, so small issues never become lost generation.



⚡ Live SCADA and drone thermography

25 Years Of Complete O&M

Every plant we build carries a generation guarantee, and we operate it for the life of the asset. Remote monitoring and SCADA, preventive and predictive maintenance, thermography, advanced module cleaning and managed spares keep generation at its designed level, year after year.

25

Years per plant

Generation guarantee

We stand behind plant performance, not just handover

Preventive and predictive

Thermography, cleaning and managed spares

Live SCADA monitoring

Plant data watched around the clock



- Monitoring and thermography Live plant data

Hydrogen Powered Fuel Cell

The HPFC is a containerised hydrogen proton fuel cell that we offer alongside solar, storage and wind. It converts hydrogen into electricity while emitting only water and warmth, delivering firm, zero emission power around the clock, from data centres to remote microgrids the grid cannot reach.

1 MW

Continuous power

24 MWh

Generated each day

30 years

Design life

— WHERE IT RUNS

- ⚡ Data centres and continuous loads
- ⚡ Remote and island microgrids
- ⚡ Industrial prime power
- ⚡ Grid support and firming



⚡ HPFC 1 MW module



Data centres



Remote microgrids

Engineered for Continuous Clean Power

A regulated hydrogen fuel cell built to run continuously and integrated by our own engineers, with hydrogen leak detection and a hardwired emergency shutdown as standard, monitored on the same digital backbone as our solar fleet.

8.64 GWh

Clean electricity a year

820 kW

Heat available to reuse

RATED OUTPUT

1 MW continuous

FUEL

Hydrogen 99.97% pure

AMBIENT RANGE

minus 10 to 50 °C

DAILY ENERGY

24 MWh a day

CONSUMPTION

22 to 24 kg an hour

NOISE

72 dB(A) at 1 m

OUTPUT VOLTAGE

1,200 V DC

DESIGN LIFE

30 years

MONITORING

SCADA Modbus, IEC 61850

ELECTRICAL EFFICIENCY

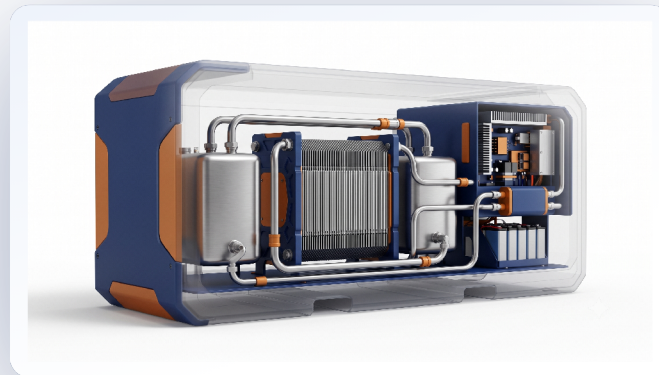
55 to 60% LHV

ENCLOSURE

IP65 skid mounted

STANDARDS

IEC 62282 and AIS 157



— ⚡ **Inside the module** Stack, thermal loop and power electronics

Green Hydrogen, Made From Sunlight

Alongside the HPFC we build complete green hydrogen plants, where renewable power alone splits water into hydrogen and oxygen. Solar, storage, water treatment, electrolysis and compression sit inside one EPC scope. Our first plant, a 10 MW electrolyser in Gujarat, is under execution.

10 MW

Electrolyser under execution

8 kg O₂

Per kg of hydrogen, saleable

5 MMT

India's 2030 target, National Green Hydrogen Mission

— WHY GREEN HYDROGEN

01

Zero carbon at the source

Renewable power alone drives the electrolyser, so no carbon is released.

03

Clean fuel for heavy industry

Refineries, fertiliser plants and fleets replace fossil feedstock.

02

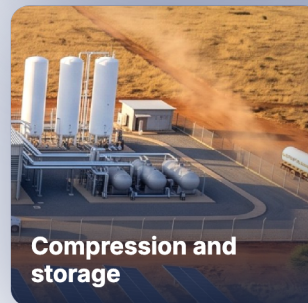
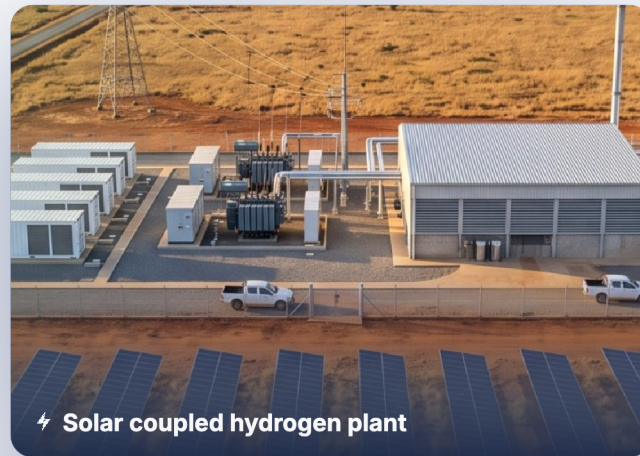
Firm supply, round the clock

Solar with battery storage holds production steady, day and night.

04

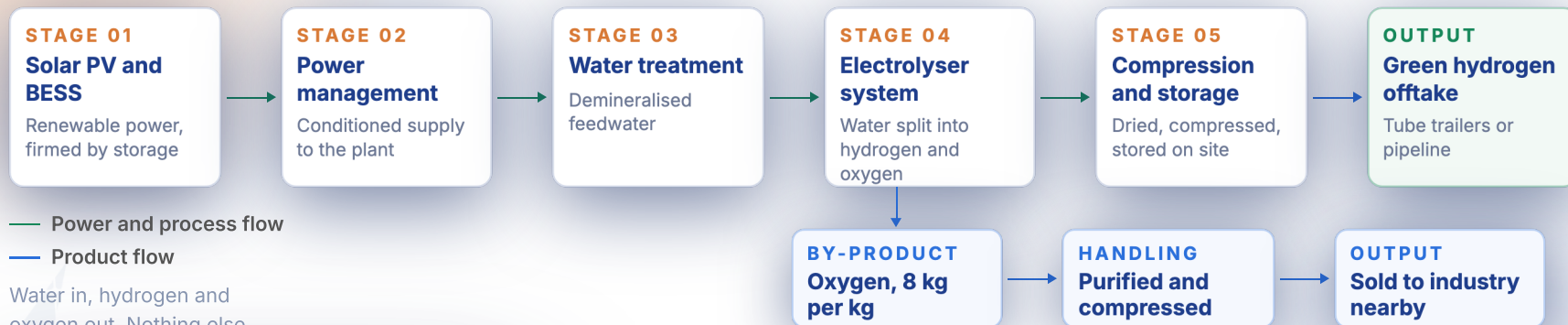
Oxygen as a second product

Electrolysis also yields industrial grade oxygen for local industry.



From Sunlight to Hydrogen, Under One Scope

Five stages, engineered, procured, built and operated by the same teams that deliver our solar plants. Hydrogen leaves the plant compressed and ready for offtake, and the oxygen released at the electrolyser is captured and sold.



ELECTROLYSER CAPACITY

10 MW solar coupled

FEEDWATER

9 litres per kg, demineralised

HYDROGEN PURITY

99.9% and above

OXYGEN CO-PRODUCT

8 kg per kg of hydrogen

ENERGY INPUT

50 to 55 kWh per kg

DELIVERY

EPC and O&M fully in house

Certified To International Standards

Our management systems are independently certified, and our processes are built around quality, environment, and health and safety at every stage of delivery.



ISO 9001:2015
Quality management



ISO 14001:2015
Environmental management



ISO 45001:2018
Health and safety



SMERA SP 2B
Solar performance rating

Independently audited management systems, applied on every project, from first drawing to 25 year operation.

India, the Fastest Scaling Renewable Market on Earth

India is building renewable capacity faster than any other major economy, and Teravon is built to deliver into that demand.



Sources: MNRE, May 2026; PIB, April 2026.



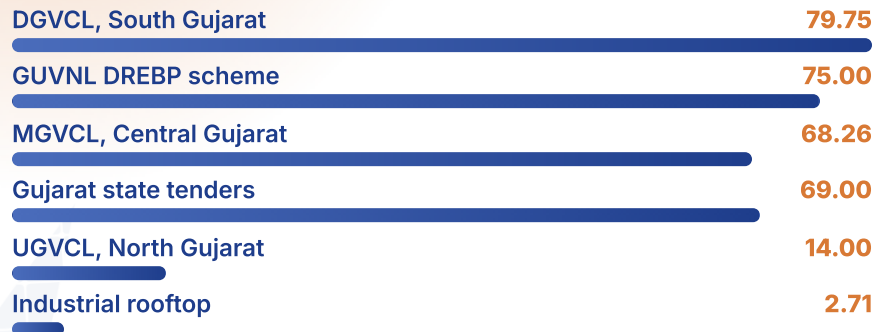
55 GW added in FY2025 to 2026

The highest single year addition on record, and the demand curve Teravon is built to serve.

1.3 GW+

Delivered, contracted and under development across four states

GUJARAT 308.72 MW delivered and contracted



• UNDER DEVELOPMENT

1,000 MW

 across three new states

Bikaner, Rajasthan Utility scale solar	375 MW
Madhya Pradesh PM KUSUM Component C	375 MW
Maharashtra PM KUSUM Component C	250 MW

Trusted Across Industry, Utilities And Governments

We deliver for the developers, industrials, utilities and public bodies that carry the energy transition, holding one standard of delivery whoever the client is.

⚡ Industrial and commercial

Manufacturers cutting energy cost with captive rooftop and ground mount solar.

⚡ Independent power producers

Utility scale plants delivered to PPA and lender requirements.

⚡ Utilities and DISCOMs

Distributed generation across Gujarat DISCOM regions and the DREBP scheme.

⚡ Governments and national utilities

Public projects across Africa under memoranda of understanding.

One accountable team and one standard of delivery, wherever the project sits.



— ⚡ Our engineers on site

Bankable By Design

Financiers and utilities underwrite projects, not promises. Our model is built so the numbers on paper are the numbers in the ground, and stay that way for 25 years.

⚡ Single point accountability

One company designs, builds and operates, so responsibility never moves between parties.

⚡ Certified management systems

ISO 9001, 14001 and 45001 practice applied on every project, independently audited.

⚡ Tier 1, warrantied supply

Bankable modules, inverters and balance of system from global suppliers.

⚡ Performance you can underwrite

A generation guarantee, backed by our own O&M for the life of the asset.

SMERA SP 2B

ISO 9001, 14001 and 45001 certified · CIN U31900GJ2022PLC136051



— ⚡ Substation and control room

Every plant is engineered to meet grid code, statutory approvals and lender technical requirements by design.

The Carbon our portfolio keeps out of the air

What about 338 MW of clean generation across India and East Africa delivers, every year and across a full 25 year life.

⚡ OVER THE 25 YEAR LIFE

9.4 ^{Mt}

Of carbon dioxide kept out of the air

0.40 ^{Mt}

Carbon dioxide avoided every year

560 ^{GWh}

Clean energy generated every year

EQUIVALENT EVERY YEAR TO

⚡ HOMES

490K

Homes supplied with clean power

⚡ TREES

19M

Trees, in annual carbon uptake

⚡ CARS

87K

Cars taken off the road



— ⚡ Utility scale generation

Estimated from about 338 MW of solar generating capacity across India and East Africa, at a 19 percent capacity utilisation factor and a grid emission factor of 0.71 tonnes CO₂ per MWh (Central Electricity Authority), over a 25 year asset life. Equivalents use published conversion factors and an average household use of 1,150 units a year.

Karibu —

Under the same sun, a second home.

From Vadodara to Accra, Lusaka and Zanzibar, we bring our own people, our engineering and our promise to a continent writing its clean energy story. We arrive as partners and neighbours, to build for the long term.

600M

People across Africa still without reliable power

60%

Of the world's best solar resource, on one continent

1.45 GW+

Our Africa portfolio, building across four countries

Sources: International Energy Agency, 2023 and 2024. Pipeline figure, Teravon.

⚡ Built with local partners, hiring and training on the ground, and backed for 25 years.



⚡ ZANZIBAR, TANZANIA

Welcomed by community and government leaders at our project site

A New Chapter, Built Across Africa

The same in house engineering and delivery model, now on the ground across the continent, with our flagship Zanzibar project under execution.

4 Countries

Active across the region

2 Offices

Accra, Ghana and Lusaka, Zambia

1.45 GW+

Africa portfolio

Delivering Across Africa

From offices in Accra and Lusaka we are active in four countries. Tanzania leads, with our flagship project under construction now, while Zambia, Ghana and Zimbabwe move through development.

• UNDER CONSTRUCTION NOW

Tanzania Zanzibar · Matemwe site

30 MW

Ground mounted solar

40 MWh

Battery energy storage

120 MW

Zanzibar, ready to build

Zambia

PPA · ready to build

500 MW

Ghana

PPA ready · private offtaker

500 MW

Zambia

MoU signed

200 MW

Tanzania

Zanzibar · ready to build

120 MW

Zimbabwe

Ready to build

100 MW

Tanzania

Under construction

30 MW

AFRICA PORTFOLIO

1,450 MW



Offices in Accra and Lusaka · active in Tanzania, Zambia, Zimbabwe and Ghana

Powering Tanzania From The Ground Up

Our EPC on Zanzibar pairs utility scale solar with battery energy storage, engineered and built by the same teams that deliver in India. Our own crews are on the ground at the Matemwe site, executing alongside national partners.

30 MW

Ground Mounted Solar

40 MWh

Battery Energy Storage

90 MW

Further pipeline

One EPC pairing generation and storage for a stable island grid, delivered by our own people.



— ⚡ Our team at the Matemwe site Zanzibar, Tanzania

A Groundbreaking, Backed by Government

Our flagship African project broke ground with national and utility leadership, and our branded team on site from day one. Presence, partnership and delivery, in full view.



Delivered With National Partners

We work alongside national utilities and governments, under memoranda of understanding and with local partners. Every project builds local skills and jobs, and is delivered to the same standard we hold in India.

- ⚡ Government and utility partnerships
- ⚡ Local teams, skills and jobs
- ⚡ One Teravon standard of delivery
- ⚡ On the ground teams across East and Southern Africa



⚡ AT OUR STAND
Engaging clients and partners on the show floor



One Team, Two Continents, One Standard



— Engineered In India

In house engineering, honed in Gujarat
Our own skilled and trained workforce
Proven against India's most capable developers

— Executing Globally

The same teams and the same model abroad
Government backed, locally delivered
One standard of quality, everywhere

At The Table On India's Power Future

Our leadership engages at the front of India's energy conversation, including the CII Power Conclave on India's Power Vision 2030. That perspective on policy, technology and finance is what we bring to every client and every project.

Engaged with the institutions shaping India's transition, from utilities to industry bodies.



— ⚡ CII Power Conclave India's Power Vision 2030



COMPANY PROFILE
India · Africa · Gulf

⚡ BUILD WITH TERA VON

The Next Gigawatt, Engineered Together

Engineered in India, executing globally. Wherever your project is, we bring the whole lifecycle, and we stay for 25 years.

YOUR CONTACT

Rohan Bhatt

Head-Business Development

rohanbhatt@teravon.in

+91 93166 34137

TERAVON

www.teravon.in

info@teravon.in

OFFICES

Vadodara, India · Accra, Ghana

Lusaka, Zambia · Dubai, UAE