



# **ENERCO** Energy Solutions LLP

**India's most established RE + sustainability company**



# What does **ENERCO** stand for?

**ENER** → Energy

**CO** → Company

is a Energy Company which is fully focused on giving **YOU** the best possible energy solution so that **YOU** can become:

- ✓ Cost-competitive and beat your competition
- ✓ Get a step closer to RE100 (100% Renewable Energy) and Net-Zero (Carbon-neutral)
- ✓ Stand out among your peer group and become a vendor-of-choice for YOUR customers
- ✓ Bring your energy wastage to ZERO and convert your operations to most energy-efficient operations



# ENERCO Energy Advantage

**A-S-S-U-R-E** framework

**A**ssess

**S**trategize

**S**implify

**U**nlock

**R**educe

**E**mpower



With **ASSURE** framework **you** are ***assured*** of

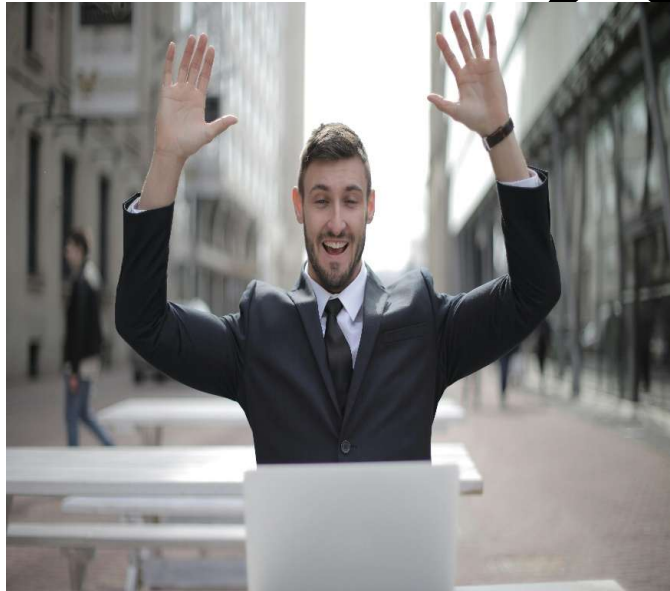
- 100% right advise by qualified and certified experts
- Peace of mind
- Best returns on investment
- Measurable results
- Guaranteed performance
- Beating your competition

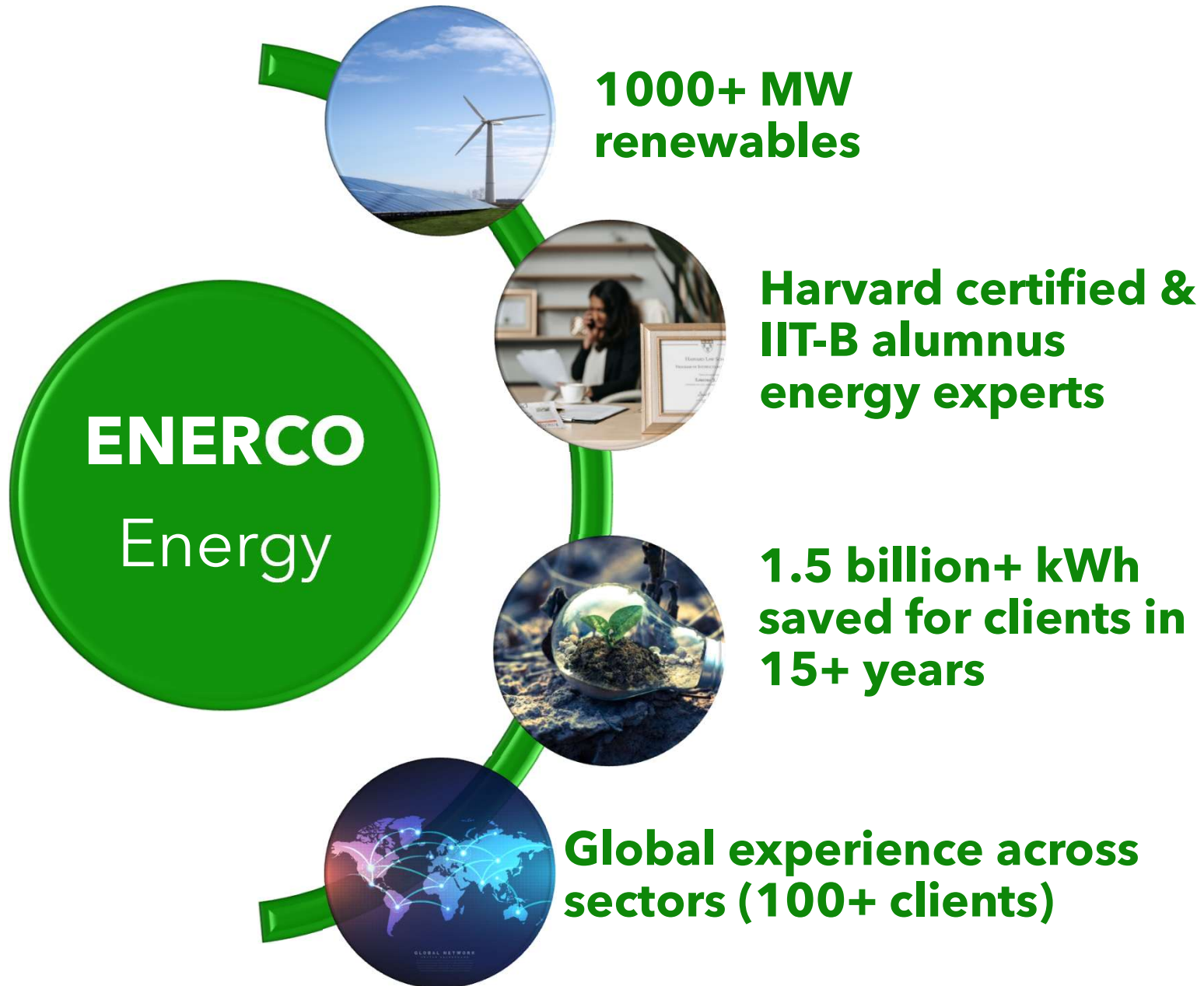


# Sustainability + Cost-savings !



***WOW, this is interesting!***





# ENERCO Energy Trusted by...





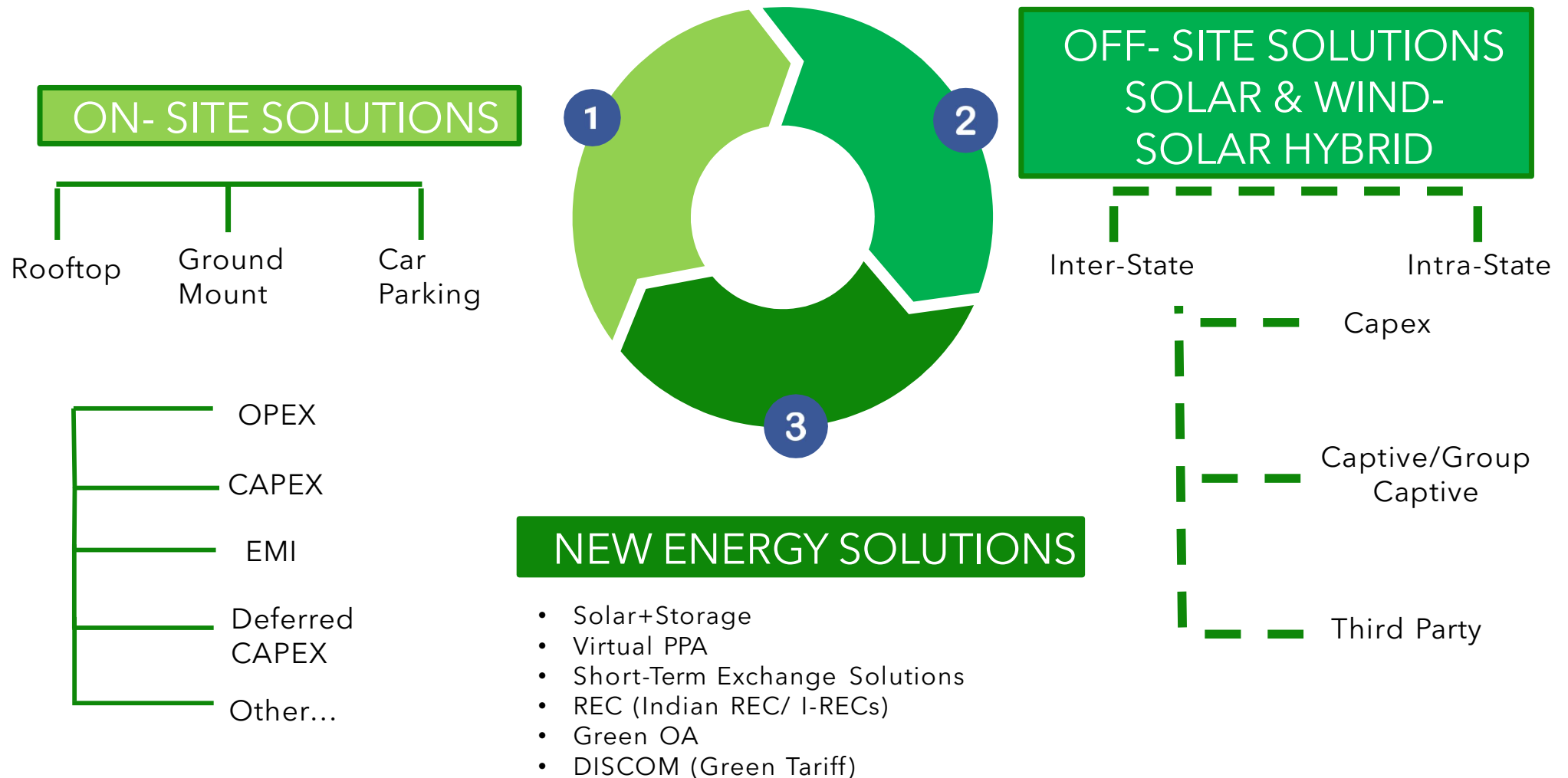
# OUR OFFERINGS in RE

**Consultation & Facilitation Services for Renewable Energy Solutions**

**Wide Range of Solutions to green your business:**

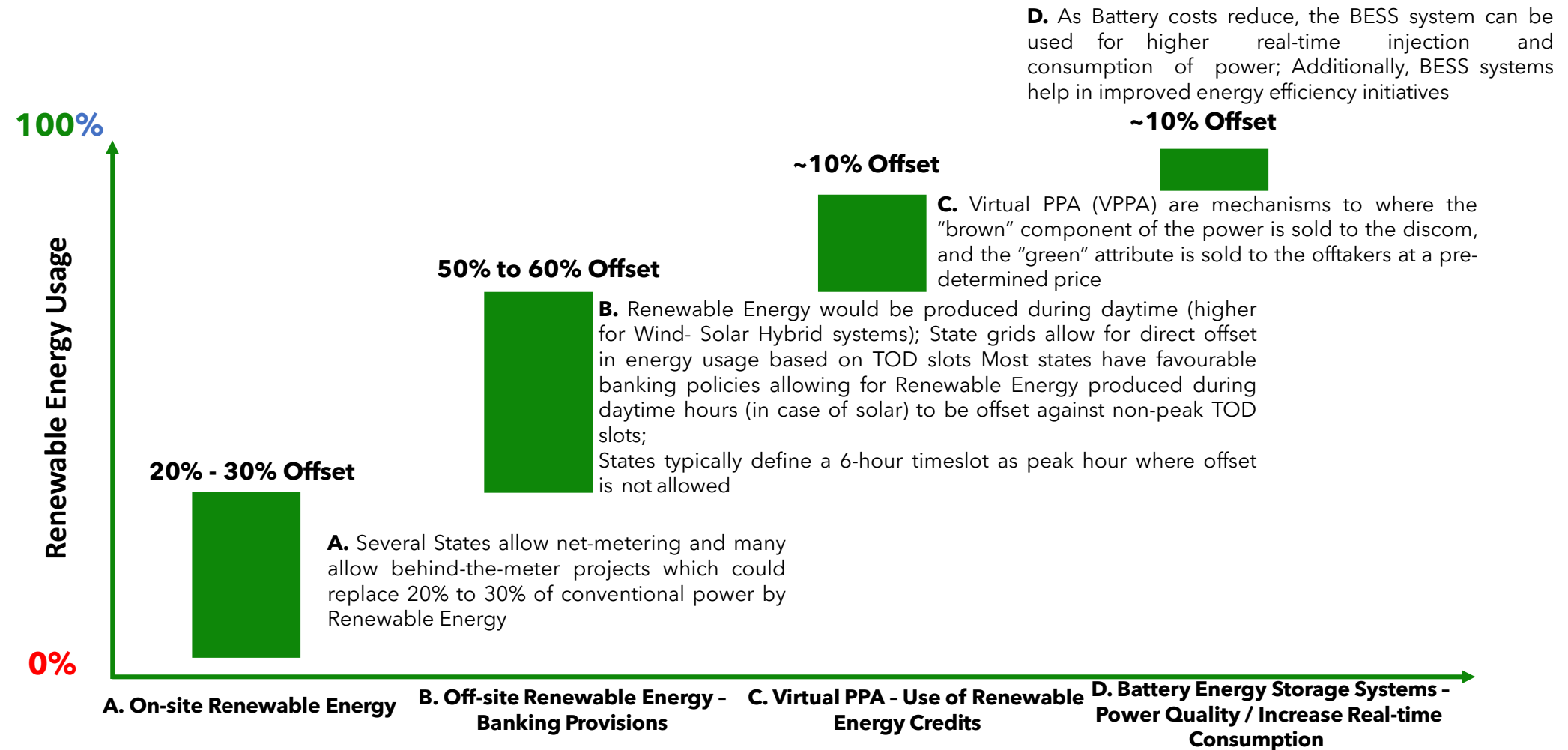
- **On-site and off-site solutions**
- **Financing solutions**
- **Engineering & design solutions**
- **New Energy solutions (BESS, V-PPA, Blockchain etc.)**
- **Legal solutions (EPC contract, PPA, SHA, O&M)**

# We advise you on the Right Solution





# NET-ZERO Roadmap





**Our Value Add: RE-WINS**

# RE-WINS

**RE** costs lesser  
than all other  
types of energy  
sources

Is **Clean &  
Green**

Helps **YOU  
WIN !**

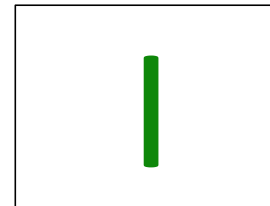
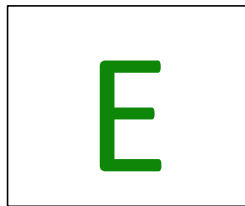


# The right choice for you **RE-WINS**

**E**nd to End  
support from  
concept to  
commissioning

**I**ntegrated  
approach  
towards RE100

**S**ustainable  
Operations



**R**egulations -  
State & Central

**W**ind / Wind-  
Solar Hybrid /  
Solar / BESS

**N**et-Zero  
achievement

# RE-WINS → Renewable Energy Consultation Services



## What is the Right Solution?

- Availability of Right Renewable Energy Source in State/ISTS basis
- Right quantum of Renewable Energy Capacity basis the State/Central Regulations
- Workout Cost-Benefit analysis for different renewable solutions available i.e. Open Access, Onsite, etc

## Who is the Right RE Developer?

- Developers who are currently present in State
- Their Projects, readiness to deliver on time
- Rank Developers basis their credibility and readiness
- Selection process to shortlist Right Developer

## What are the Right Terms?

- Negotiate Key Terms in line with your objectives and market practices
- Making Developers to quote for your Terms
- Schedule meeting with shortlisted Developers
- Prepare and compare Developer response on key terms like Tariff, Structure, Tenue, other etc



## RE-WINS Comprehensive Consulting & Advisory

- Power consumption analysis, projections and **mapping** to RE generation
- Project capacity evaluation, to **maximize RE** consumption avoid unit lapses due to banking restrictions or oversizing or engineering or design flaws
- Floating RFQ with all **tier-1** components → We include all components from PV modules to nut & bolts
- Shortlisting of contractors / bidders who meet International standards of safety, reliability and protocols set out by top **International institutes** viz., IEC, PI Berlin, Fraunhofer institute etc.
- Selection of **best technology**, Solar PV / Wind-Solar hybrid / BESS / V-PPA
- Selection of best project configuration – onsite (net-metering / behind-the-meter etc.) and offsite (CAPEX / Group-captive/ 3<sup>rd</sup> party) etc. inline with **your strategic objectives**



## RE-WINS Comprehensive Consulting & Advisory

- Evaluating and choosing the **best financial model** – CAPEX / Group-captive / Leased model / 3<sup>rd</sup> party / OPEX / BOOT / Deferred CAPEX for **quickest Rol / payback**
- Vetting of engineering & design for **best PR** (Performance Ratio), **CUF, PLF** etc.
- Drafting, negotiating and finalizing **legal contracts** – PPA, EPC, SHA, O&M etc.
- Project progress monitoring (drone survey), quality assurance and reporting
- On-ground **inspection** for quality, quantity, workmanship, performance
- De-bottlenecking project progress
- Commissioning and final hand-over checklist
- Continuous power monitoring support (6/12/18/24+ months post commissioning)



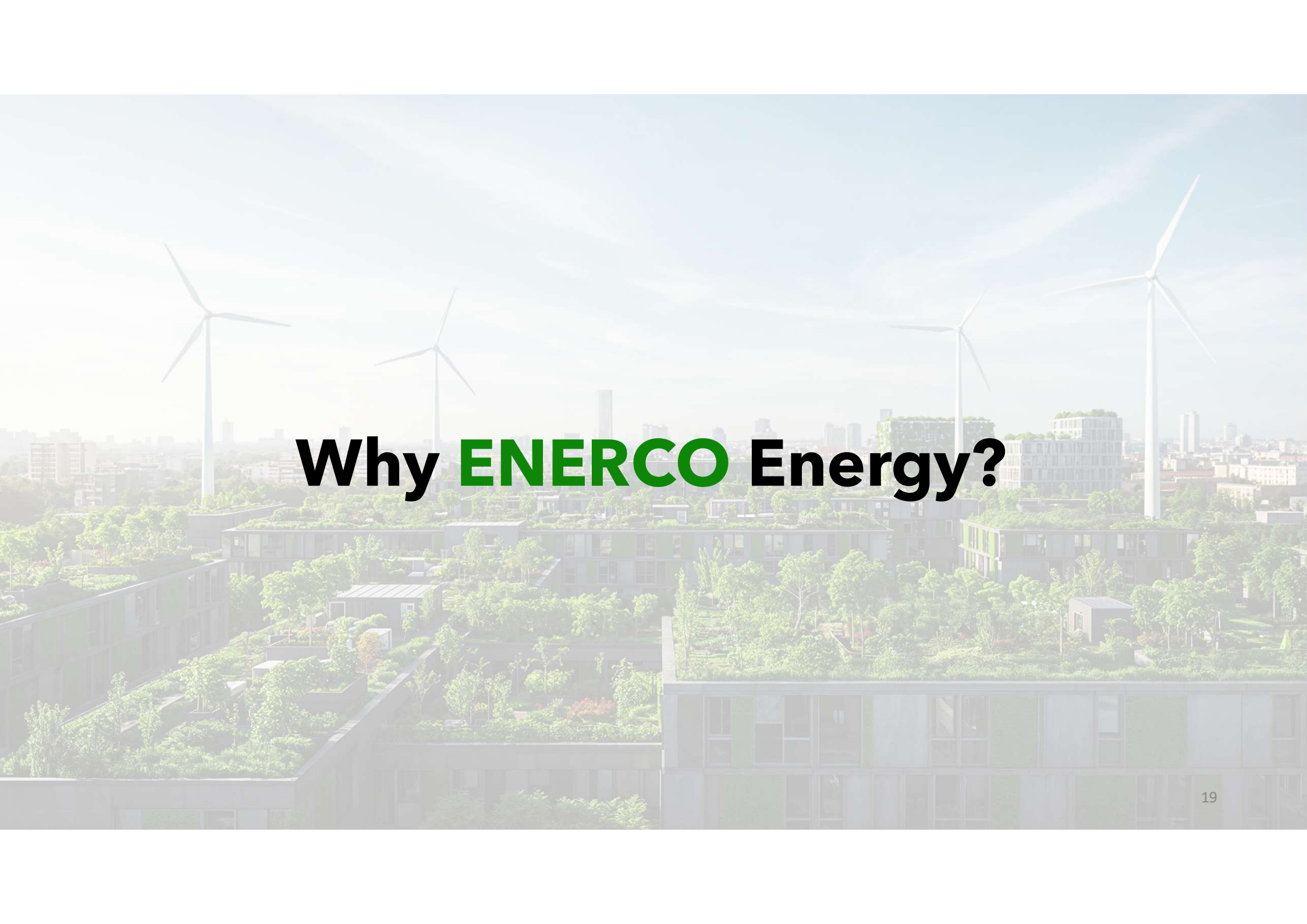
**RE-WINS** is for customers who want to

- Have a **dedicated Renewable Energy Expert** by their side to handhold them in their journey of Renewable Energy procurement for making the **right decision** in this important strategic initiative
- Understand all project configurations and financial models and **choose** the best one
- Achieve quickest possible RoI (payback) and highest possible IRR (%) without compromising on quality
- **Procure** the RIGHT Solution at Right Terms from the Right supplier to enjoy up to 50% cost savings (real savings) and meet RE100 goals
- **Unbiased/Unfiltered advice** by muting the noises around different RE solutions, RE developers and RE terms
- Get a minimum **5x assured return on their INVESTMENT**



**RE-WINS** is for customers who want to

- Have **Market Benchmarks (esp. from their own Competitors)** so that they can procure at better terms than the competitors and beat the competition
- Execute **world-class project** with tier-1 equipment, superior engineering & design and highest level of **performance, safety, reliability and longevity**



# Why **ENERCO** Energy?



# Why **ENERCO** Energy?

## Industries we have served / serving



Steel



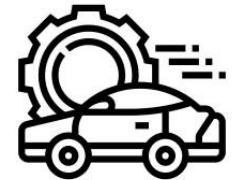
Cement



FMCG



Aluminium



Automotive



Chemical



Logistics &  
Warehouse



Pharma



Oil & Gas



Textile

***And many more...***

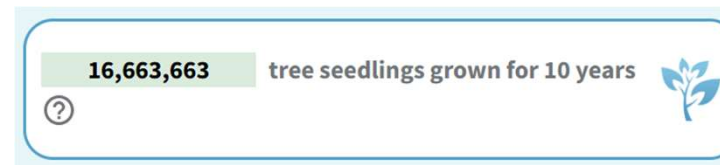


## Why **ENERCO** Energy?

- ✓ **15+ years experience** in **R**enewable **E**nergy and Sustainability
- ✓ Trusted by **100+ customers** across **India and the middle-East**
- ✓ Team of certified experts from reputed institutes viz., **Harvard, Cambridge** and **IIT**

- ✓ Proven results, **real savings**

1.5 bn+ kWh saved =



- ✓ Experience with **reputed global MNCs** viz., Skechers, Bonfiglioli, McCain Foods, Cargill Foods, Helvoet, RHI Magnesita etc.
- ✓ Trusted by **top Indian conglomerates** for their RE100 and Net-Zero programmes



## Why **ENERCO** Energy?

- ✓ Deep technological and project management experience
- ✓ Legal documents drafted by **top legal firms** of Mumbai and regularly updated with new market intelligence
- ✓ **360° view** and support to the customer from concept to commissioning
- ✓ Deep industrial understanding ranging from steel, cement to automotive, FMCG, Oil & Gas, textile, conventional power plants, chemical, pharma etc.



## Why **ENERCO** Energy?



Making India proud on a global stage  
and our customer **energy-efficient** !



جندال شديده للحديد والصلب ش.م.م.  
Jindal Shadeed Iron & Steel LLC

CR No. 177769

Ref: JSIS/Energy Audit/2024

22 January 2025

### To whomsoever it may concern

We aimed to **optimize production costs** and produce **low-carbon steel** at our plant in Sohar, Sultanate of Oman. To achieve this, we sought the expertise of a proven energy company with a track record of delivering measurable results in similar assignments.

After evaluating multiple vendors, we selected **Enerco Energy Solutions LLP** as our **preferred partner**. Their scope of work included a comprehensive **energy audit** of the entire plant, covering:

- DRI (Direct Reduced Iron)
- SMS (Steel Melting Shop)
- Rolling Mill
- Lime & Dolo Kilns
- Common Utilities: Pumps, compressors, fans, and blowers.

The **Energy Audit** adhered to both **B.E.E. (Bureau of Energy Efficiency)** guidelines and **ISO 50001/50002 standards**, encompassing detailed evaluations of **electrical and thermal systems**.

A team of six engineers, led by a **certified senior energy auditor** (IIT-B alumnus) and another certified auditor visited our site for 22 days and executed the project efficiently and delivered a detailed report on time. Enerco's recommendations included practical **energy-saving measures** with **attractive payback periods**, most within **18–24 months**.

We are now actively implementing the suggested measures, confident in their ability to enhance efficiency and reduce operational costs.

**Enerco Energy Solutions LLP** is a professional and result-oriented energy company, and it has been a pleasure working with them. We highly recommend their expertise for similar assignments. We look forward to working with them again in future.

Regards

*Ashok Nilpankar*

Ashok Nilpankar,  
DGM – Electrical,  
JSIS, Sohar, Sultanate of Oman





# Why **ENERCO** Energy?



sterlite copper

20.01.2017

## TO WHOMSOEVER IT MAY CONCERN

Enerco Energy Solutions LLP was appointed for carrying out Comprehensive Energy Audit for our 2 x 80 MW coal-based Thermal Power Plant located in Thoothukudi. The audit included Electrical, Thermal study of the TPP as well as Comprehensive Solar Consultancy.

The assignment was carried out in a systematic and phase-wise manner including:

- Survey of existing systems
- Measurements and analysis of various electrical and thermal parameters
- Visit by various experts and engineers
- Identification of Solar Project and best possible technology
- Solar Project sizing - ranging from kW rooftop to multi-MW ground mounted
- Detailed Discussions including benefits and potential challenges
- Software analysis for Solar radiation at site
- Policy related discussions for RPO and PAT mandate
- Analysis of various financing models for the Projects
- Submission of Energy Audit Report
- Submission of Techno-Economic Feasibility Report for Solar Projects
- Clarification on all queries

Systematic approach and technical capability of Enerco Energy Solutions LLP has ensured successful conclusion of this assignment.

For Vedanta Ltd.,

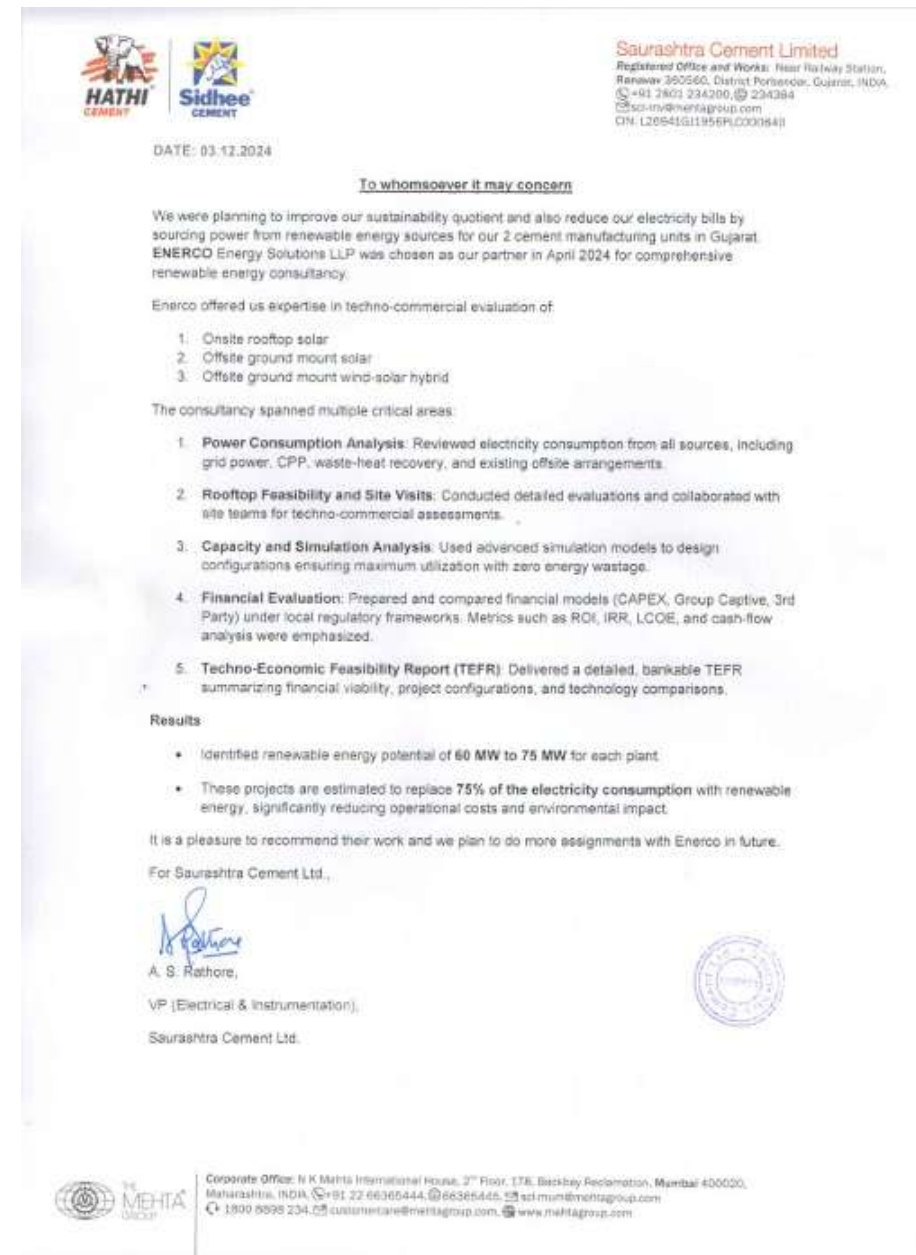
Authorized Signatory

Even conglomerates like Vedanta trust Enerco Energy with their sustainability projects – whether it is *Solar PV* or optimizing their energy usage.

We are humbled by their kind words...

# Why **ENERCO** Energy?

Our offerings are technology-agnostic → Solar PV, Wind-Solar hybrid, BESS as per commercial viability and Govt. policies





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