



**Get much more
Energy & Revenues**
from Solar farms

IT'S A LONG WAY TO SOLAR FARMS

New projects' exhausting road



**Many delays /
cancellations**

**Limited land &
Grid connections**

**Alternatively,
Increase the production of already
operating farms and in the pipeline**

Can we Enhance panels' Irradiance?

W/O reflectors:



With reflectors:



OBSTACLES TO A PRACTICAL RETROFIT

**Disrupt
Functionality**

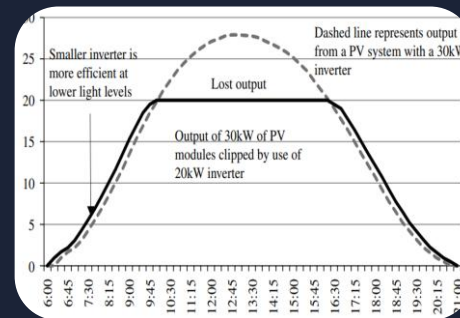


**Potential
Damage**

**Installation &
Maintenance**



**Non-
Homogeneous**



**Overlook
Clipping**



Expensive

The greatest challenge: Achieving homogeneous distribution

PVRAISE

An Energy Boost



Identical,
multiple
reflector units

Details
could be
presented
separately

Structural support

Reflective surfaces

Homogeneous
distribution

Adjustable
design

Patent
pending

Low
cost

Note: There are **several** possible configurations - for Monofacial or Bifacial panels.

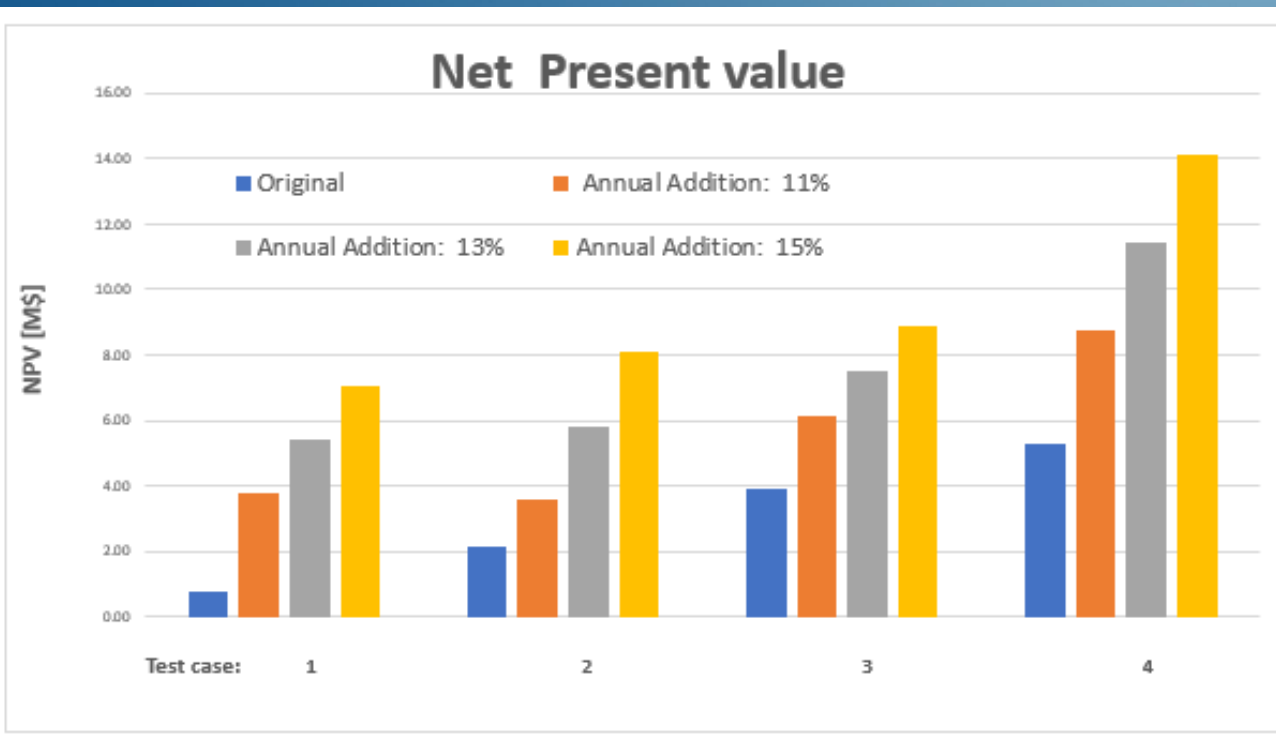
The VALUE PROPOSITION

Rated Power:
100 MW



PVRAISE's Price:
3M\$

Data		Case 1	Case 2	Case 3	Case 4
Total Period	[Years]	20	20	22	25
Daily Peak Sun Hr.	[Hr]	5	4.7	4.8	4.5
Original CapEx	[\$ /Watt]	0.8	0.7	0.64	0.85
CapEx + PVRAISE	[\$ /Watt]	0.83	0.73	0.67	0.88
Original O&M	[\$ /kW/Yr]	15	15	10	10
O&M + PVRIASE	[\$ /kW/Yr]	18	18	12	12
Payment	[\$ /kWhr]	0.062	0.06	0.05	0.065



3 Operational Years before the retrofit; Interest: 6%; Nominal Annual Addition: 13%

With Storage ~ 15%

THE MARKET

Recently Installed
(Worldwide)
Total market

2022 ÷ 2024 or
2018 ÷ 2023

1,000 GW

Utility &
Community
Sub-markets

650 GW



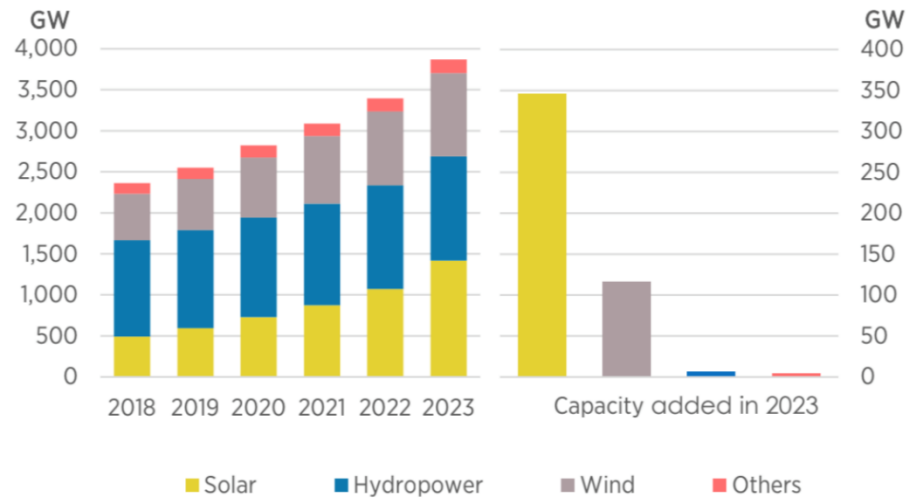
400 ÷ 600 M\$
Upgrades by
PVRAISE

PVRAISE's price: 3 M\$ / 100 MW

2% ÷ 3%
Sub-markets Share



Renewable power capacity growth



PRODUCT'S UNIQUENESS



COMPETITION

A *Unique* product with significant competitive **advantages**

**Practical &
Highly
Profitable
Retrofit**

High Entrance Barriers

- Dedicated Patent, pending
- Difficult to duplicate and requires extensive effort to collect data for optimal design
- Efficient Distribution channels via Global partners

MILESTONES

2024

Concept

- Patent pending
- Initial POC
- Business plan

2026

Prototype

- **Prototype-**
Within 18 Months,
- Including:*
- **1st Full-Scale pilot**

2027

Product

- **Product's Verification**
- **Partners (Solar Owners)**
- **Sales-**
1st commercial Upgrade

2028

Sales

- **Global Cooperation**
- **Sales –**
new markets

OUR TEAM



Prof. Lioz Etgar
Advisory Board



Boaz Englander
Founder, Director



Ronen Sher
Founder, CEO



Ilan Dafni
Optic Expert



Nimrod Nissim
Optic Expert



Dr. Dor Amram
Materials Expert

PVRAISE

A New category in the Solar market!



We are looking for 1.5 M\$ in funds

For the development of the prototype and for the 1st pilot

Thank You!