



**AFFORDABLE, SECURE  
AND SUSTAINABLE.**

# ecoviz



Ronen Azouri  
GREEN BUILDING



Kedem Levy  
ENERGY PROJECTS



Patrick Chavel  
ENVIRONMENTAL LAW



Jonathan Fromm  
PATENTS

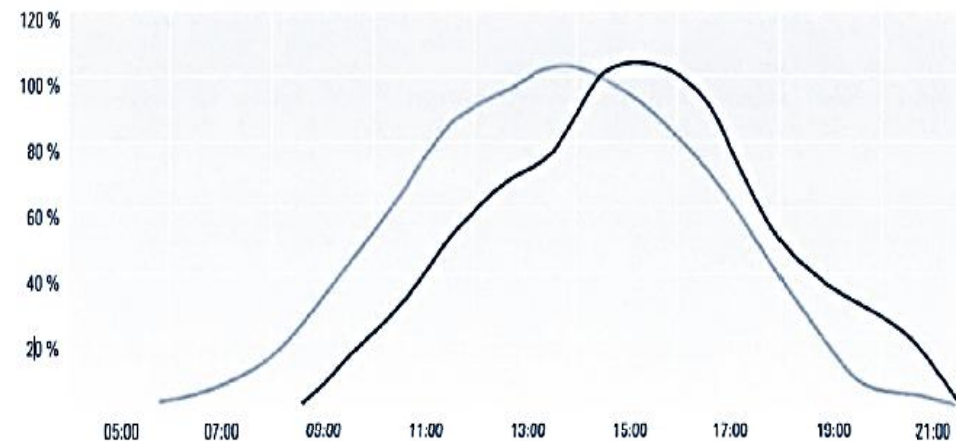


Erez Baharir  
COMMERCIAL LAW

# Vision



To harness solar energy for the prime use in Israel



— Irradiation  
— Cooling Load

AZOURI  
**ECOTOWER**  
LEED GOLD



# Connection to task force

---

- Techo-economical analyses, audits.
- Testing & demo. commercial projects.
- Dissemination & market deployment.
- Green building entrepreneurship.



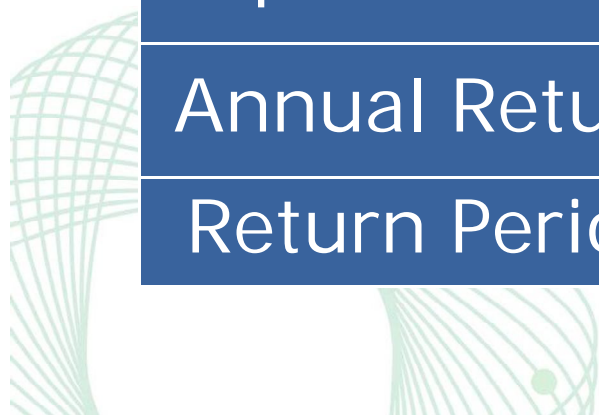
# PVAC or STAC ?

Goldwater High School Campus, Eilat, Israel		
Characteristic	Size	Conditions
Present System	250 Rt	Non Solar 7°C /12°C Water Temp.
Solar Aperture Available	~1000 sqm	1000W/sqm 40°C $X \approx 0.040 \text{ } ^\circ\text{C}\cdot\text{sqm}/\text{W}$



# PVAC vs STAC ? Customer side

Goldwater High School Campus, Eilat, Israel		
Characteristic	Photovoltaic	Thermal
Solar Field	100 KW <sub>p</sub>	250 KW <sub>p</sub>
Chiller	100 Rt	60 Rt
	Compression	Absorption
Upfront Cost	€ 300,000	€ 350,000
Annual Return	€50,000	€50,000
Return Period	6 years	7 years





Solar Air Conditioning.  
OUR VISION, YOUR PROFIT.