



# ICARUS RT™ Solar. Optimized.

Icarus RT delivers a groundbreaking solution that optimizes solar energy by integrating photovoltaic (PV) and solar thermal technologies. By capturing and converting waste heat, our system doubles energy output, cuts payback periods in half, and significantly reduces CO2 emissions. In addition to generating electricity, Icarus cogenerates hot water and stores energy for on-demand use, maximizing efficiency and sustainability for commercial and industrial solar installations.

## Product Impact

### Financial

Icarus RT increases solar energy output by up to 50%, cutting payback periods from 6–8 years to as little as 3–4 years, and reducing energy costs by up to 30%.

### Environmental

Our system reduces CO2 emissions by up to 50%, capturing wasted heat and boosting clean energy generation, significantly lowering the carbon footprint of solar installations.

### Socio-Economic

By reducing energy costs and emissions, Icarus RT accelerates renewable energy adoption, driving job creation in green industries and contributing to a more sustainable, low-carbon economy.

## Projects Underway

### Loma Verde

Groundbreaking schedule date November 5<sup>th</sup>, 250-kW system of 454 solar modules

### Fairview Project

76-kW Net Zero Energy project, CEC Empower Innovation Network EPIC Challenge

### EPRI ConED

Winner Incubatenergy 2024, Proposed 53 kW "Icarus Cold Solar" project with ConED



**Doris Lu-Anderson,**  
Ph.D., MBA  
Marketing Specialist



**Rob Toker, Sales**  
Energy Industry Growth Strategy



**Gourav Sharma, COO**  
Oil and Gas Industry Professional



**Mark Anderson, PE, CEO**  
40+ Years Power Industry Project Director 29MW Solar Chevron Plant



**Matthew Faria, CMO**  
Energy Industry Demand Generation



**Board Observer**  
Venture Capital at mHUB