

1.2 megawatt PV power station in Spain Installed



Millennium's PV modules in Germany

Millennium reaches for the world

Israeli PV company quickly expands global operations

Millennium Electric's solar modules made their debut in Israel quite a while ago, but the company is a newcomer to the international stage. With the help of licensees, the Millennium is expanding its unique sales and production network.

Apparently, Millennium Electric TOU Ltd. has a lot to say to the world. In the last few months, it seems that hardly a week passes without new press releases about Millennium's latest PV achievements being published on the website of parent company Universal Communication Systems Inc. (UCSY). Tel Aviv-based Millennium and Miami-headquartered UCSY have signed licensing contracts with companies in Brazil, Turkey, Morocco, and Australia. Millennium also has installed modules on gas stations in China, and in March 2004 it signed a contract with Maaß Regenerative Energien GmbH in Wesel, Germany for delivery of modules for more than \$15 million.

After settling patent disagreements and reducing debt, it looks like a new era has dawned for UCSY through its cooperation with Millennium. UCSY, a holding company whose stock wasn't traded for the last three years, finally saw business take off after closing the Millennium deal in the third quarter of 2003 (see chart, p. 8). In addition to Millennium, the conglomerate consists of Solar One Corporation, a company founded for the sale of small modules for off-grid applications, as well as Airwater Corporation. Airwater develops machines for producing drinking water from atmospheric moisture. The patents for this technology have existed for several years, and a production line was opened recently



Closing the deal: Millennium Electric's Ami Elazari and Thorsten Preugschas from Maaß Regenerative Energien sign a contract for the large-scale delivery of solar modules to the German market.

in Australia. In the last couple of weeks, UCSY also acquired Dutch solar integrator Stroonwerk BV, which is linked to the US company through the newly founded Dutch company Girasolar BV.

After three years of no revenue of any kind, UCSY enjoyed a turnover of \$177,000 in the last quarter of 2003, though the company was still in the red. Losses increased from \$230,000 in the final quarter of 2002 to \$714,000. UCSY's chairman Michael Zwebner expects the first turnover from Airwater machines to trickle in next fall. The total combined turnover prognosis for Millennium and Stroonwerk in 2004 is €35 million (\$41.9 million).

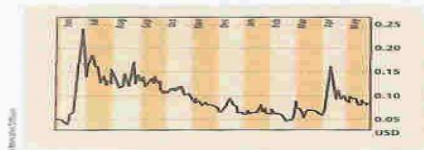
According to Michael Zwebner, UCSY's annual financial statement, which was released in January and covers the period up to Sept. 2003, notes that with the purchase of Millennium and the

Stimulating spikes: Universal stock on the Nasdaq showed a spike following the purchase of Millennium in summer 2003 and another after the founding of a joint venture in China.

company's redirection, Universal was in a position to acquire private investments to fund its activities in this area. Observers referred to the purchase as an example of a relatively common practice in which a market-listed «shell of a company» is revived by a new business venture. Two significant cash infusions this year have come from a company close to Zwebner. Furthermore, Zwebner himself purchased UCSY stock this year worth \$100,000. In the future, Zwebner believes «the company will continue to bring in capital until sales are high enough for the company to stand on its own two feet.»

Millennium as the main pillar

Zwebner also reports to have heavily invested (\$1 million of his own money) in the company's expansion through the subsidiary's purchase. The rest of the funding came from UCSY stockholders in different countries, as the company's stock is listed at a growing number of stock exchanges around the world. The company's current market capitalization amounts to almost €10 million (\$11.9

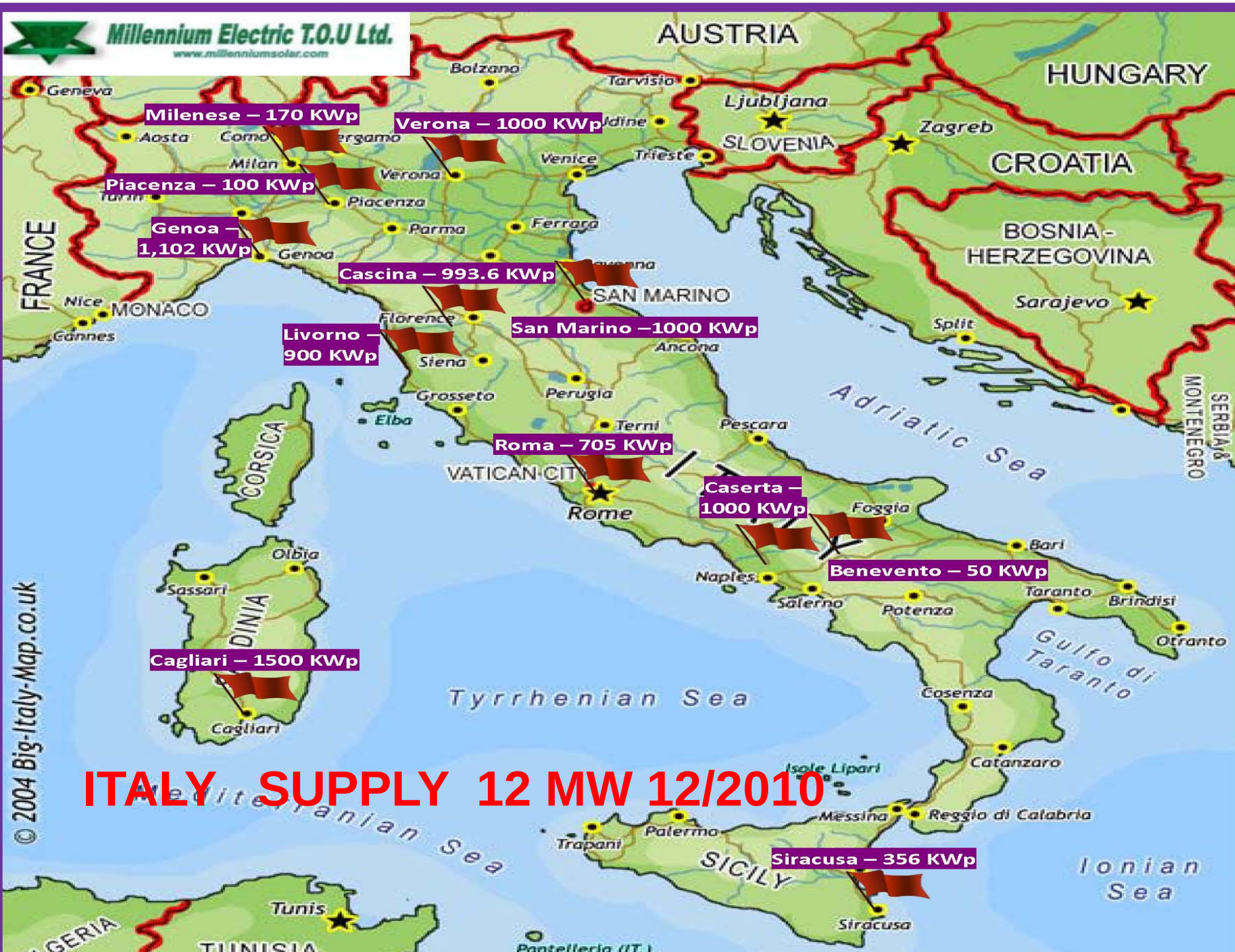


30 KW Millennium 160 watt modules installed in Germany 8 2004



A 35kWp Grid-Connected PV System with Millennium's PV Modules in 600 houses- Germany





ITALY SUPPLY 12 MW 12/2010

Italy Mounte Falcone Solar Power Station





Millennium Schneider Canopy Project Done !

Millennium Schneider 1Mega Canopy Project Done in three month !

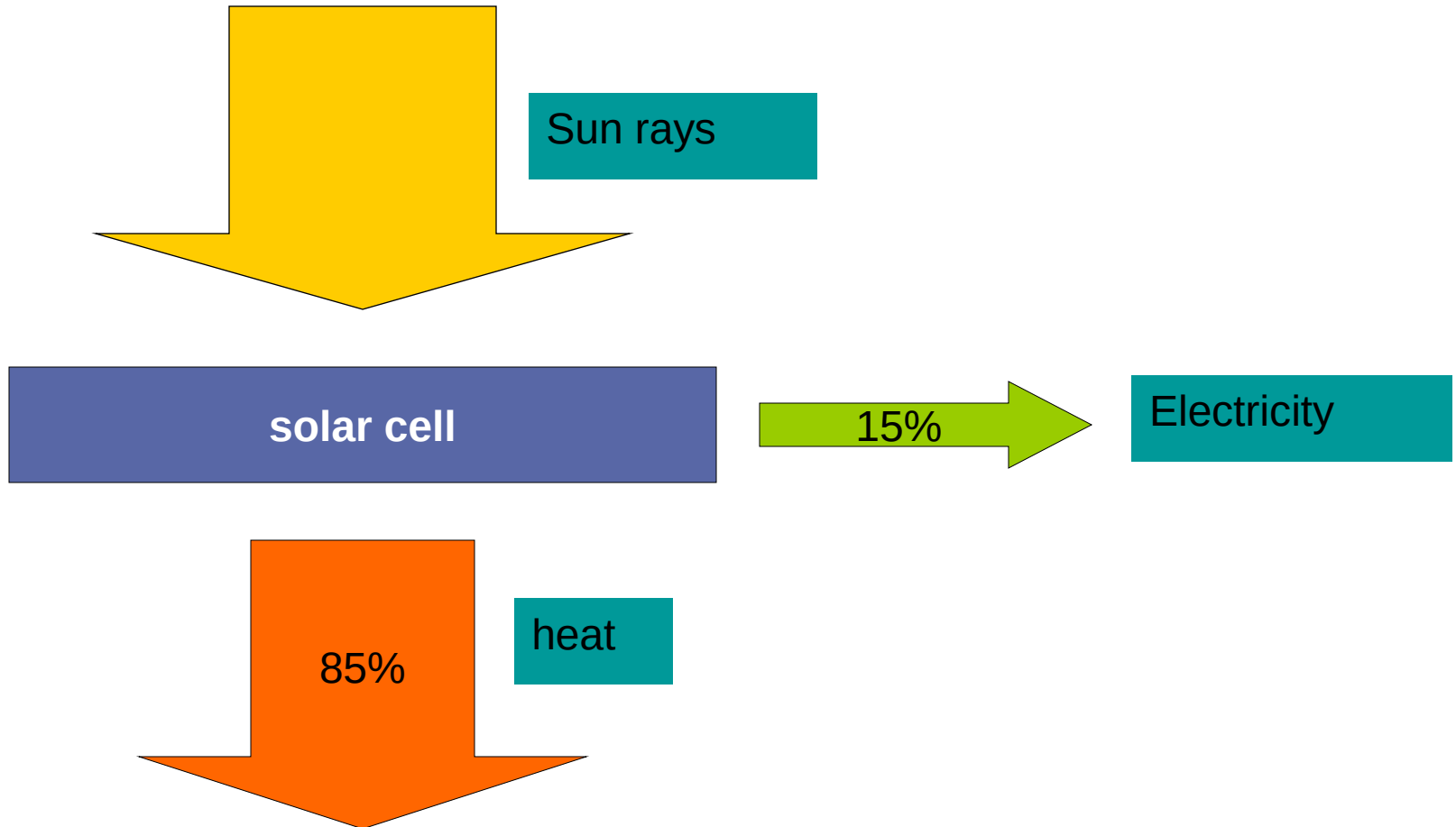


29/12/2010

Millennium Schneider 1Mega Pizza Project !



PVT- Multi Solar System:



Germany PVT TUV TEST Aug. 2010

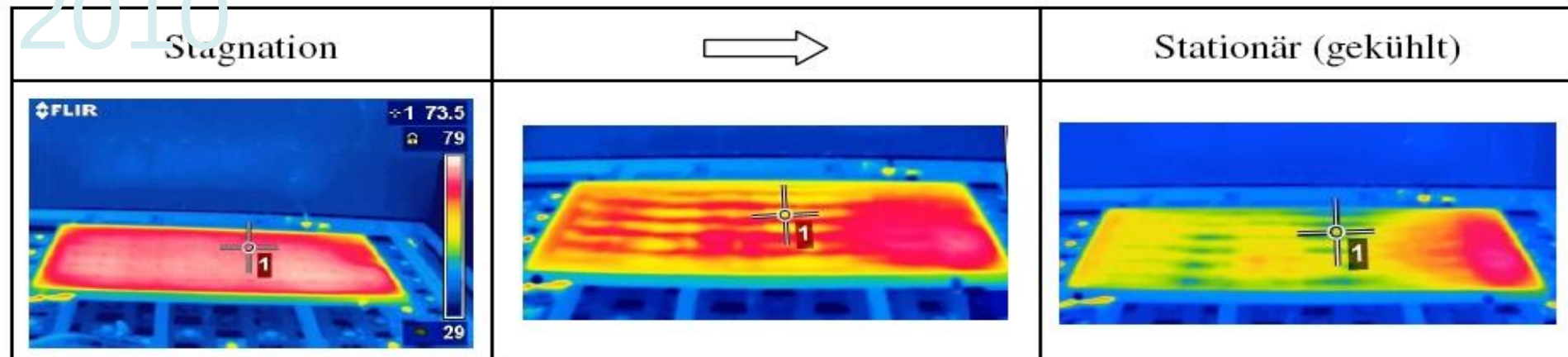


Abbildung Fehler! Kein Text mit angegebener Formatvorlage im Dokument..1:
Homogenität der Kühlung des PVT-Moduls von Millenium Electric

“Outdoor testing with your PVT-modules had shown, that this module could **Raise the PV performance about approx. 25 %** by reducing the panel temperature from **79°C** to **29°C**.

**Millennium Patented MSS PVT
Production Collectors Line
Ashdod Israel 300 collectors per
day**



**Millennium Patented MSS PVT
Production Collectors READY TO
SHIPPING**



MILLENNIUM IDEAL

NEW FACTORY JERUSALEM CAPACITY
600 COLLECTOR PER DAY

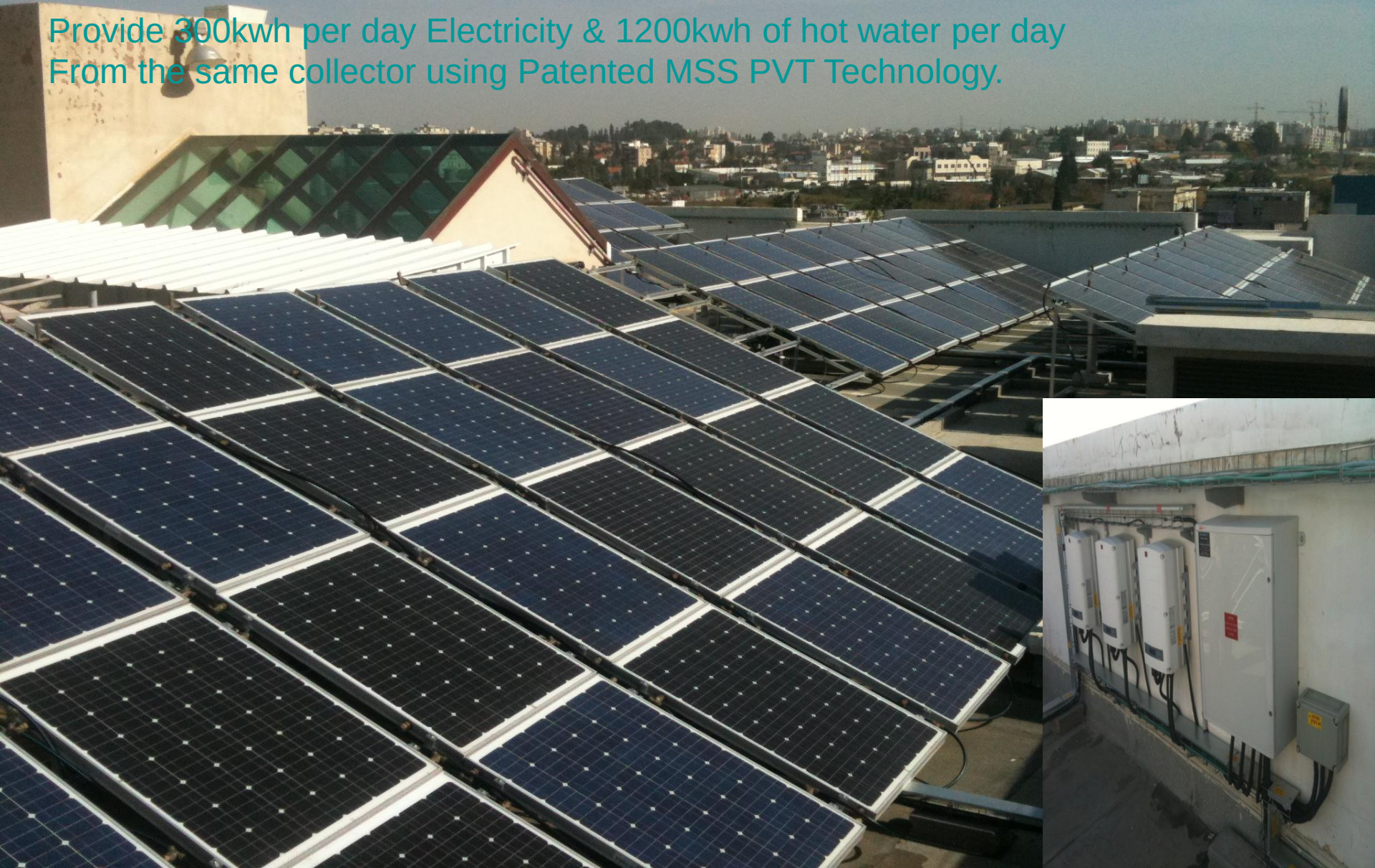


Millennium BIG Size Power Station in Israel Kibbutz
Provide 300kwh per day Electricity & 1200kwh of hot water per day
From the same collector using Patented MSS PVT Technology.



Neot Hamoshava Nes Ziona Elders house

Millennium BIG Size Power Station in Israel Elders House
Provide 300kwh per day Electricity & 1200kwh of hot water per day
From the same collector using Patented MSS PVT Technology.



GUEST HOUSE2



GUEST HOUSE 1



MAIN HOUSE

MAIN HOUSE



**MSS PVT NEW TECHNOLOGY
PROVIDING HOT WATER AND
ELECTRICITY FOR ALL FARM**

Autonomy 5 days with no sun



SHOWER



BOILER



TOILET



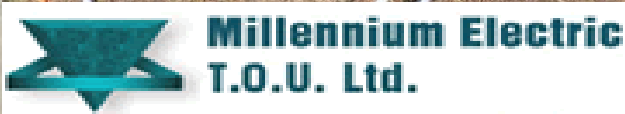
RADIATOR



KITCHEN



COLD &
HOT
WATER



**Millennium Electric
T.O.U. Ltd.**



Tristars

**Alliance
International**

L
T
D

1 Mega of electricity from PV

Electricity

MSS Array
PV 15% efficiency

1 Mega of electricity from STEAM

Electricity

Inverter

5600 MSS Collector one litter each
\$3.5 M

Steam rushes into
the turbine

3000 Thermal Collector 6 liter each

Cool Water in

Water Reservoir

Hot Water Out at 55 °C

First Flow Out at 110 °C

Second & 3rd Flow Out at 150 °C

Boiler

Li

\$0.5M

Turbine

12 Atmo

140C

Water
Cooling
Tower

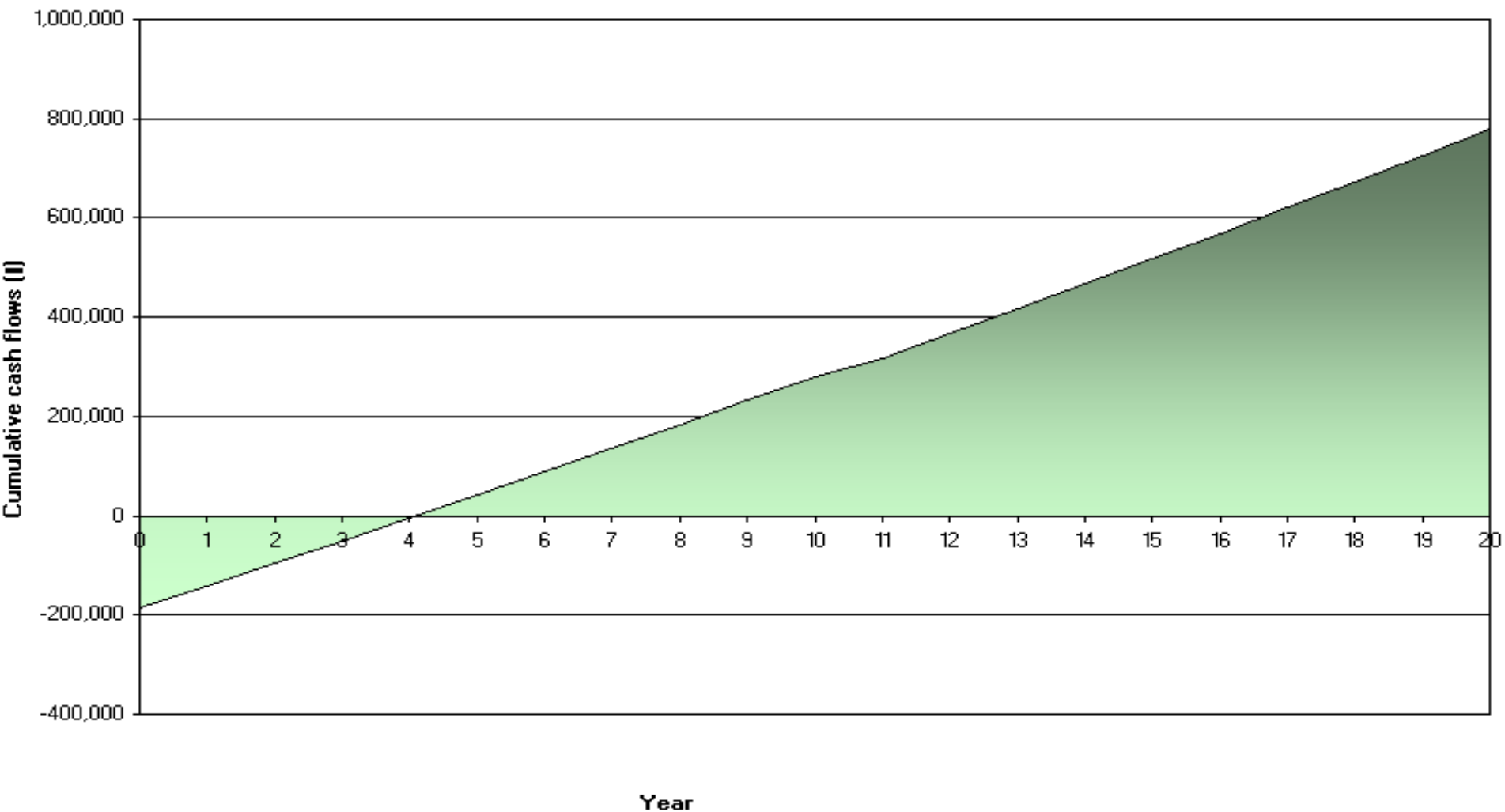
Cool Water Returns to Reservoir

MSS Co-Generation

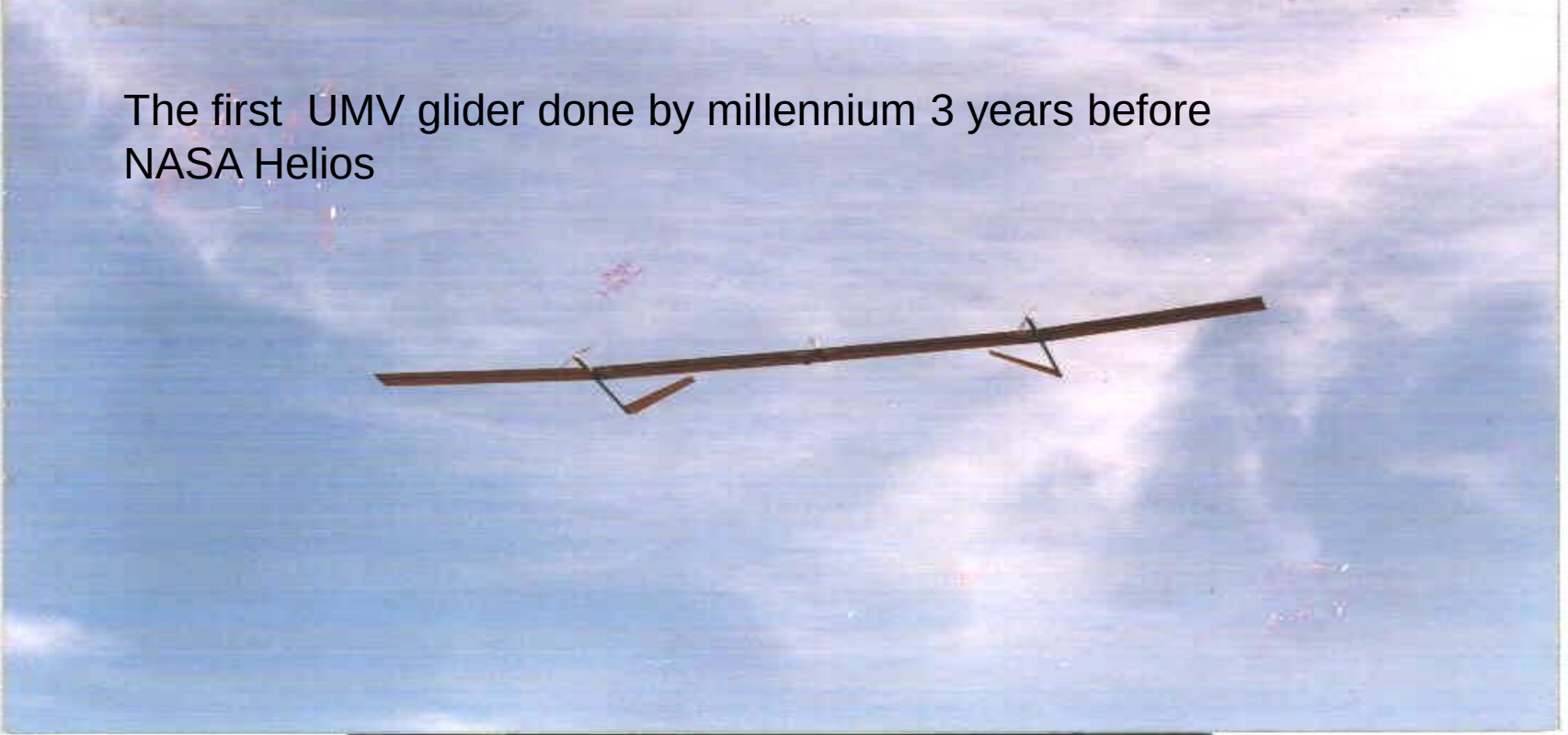


35% eff. ROI 4 YEARS IRR
25%

Cumulative cash flows graph



The first UMV glider done by millennium 3 years before
NASA Helios



NASA UMV the HELIOS Millennium did it 3 years early!



▲ The unmanned Helios aircraft flies over the Pacific Ocean after taking off from Barking Sands, Kauai Island, Hawaii. The remotely piloted craft took off from the Pacific Missile Range Facility and flew to an altitude of 76,060 feet

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