



LOOKING FOR
INDUSTRIAL SOLAR HOT
WATER SOLUTIONS...?



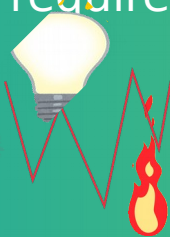
Why Choose GREENBMG?

- **High Efficiency:**
Advanced evacuated tube collectors ensure maximum heat capture in all climates.
- **Cost Savings:**
Slash energy bills by using free, renewable solar power.
- **Environmental Impact:**
Cut carbon emissions and reduce reliance on fossil fuels.
- **Customized Solutions:**
Systems tailored to fit your specific industrial requirements.

What we offer...!

- **Evacuated Tube Collectors (ETC/VTC):**
Superior heat retention & performance.
- **Automatic Blind Shut-Off:**
Prevents overheating during periods of low water consumption.
- **Durable Construction:**
Built to withstand harsh environmental conditions, ensuring longevity and reliability.
- **Scalable Design:**
Suitable for a range of industrial applications, from small-scale operations to large manufacturing facilities.

Come to the Experts...!



Reduce your Electricity & Gas consumption

EMPOWERING YOUR INDUSTRY WITH FREE SOLAR HOT WATER

Full Project Support

- We handle everything from planning to long-term support.
- **End-to-End Services:** Engineering, purchasing, installation, and commissioning—all covered.
- **Training:** We train your team to operate the system with confidence.
- **10-Year Support:** Ongoing maintenance ensures peak performance for more than 30 years.

Applications

- Manufacturing Plants
- Food Processing Units
- Chemical Industries
- Textile Factories
- Pharmaceutical Companies

Long-Term Benefits

The expected life span of solar hot water plants exceeds 30 years! Ongoing annual maintenance will keep your solar plant in top condition

Success Story

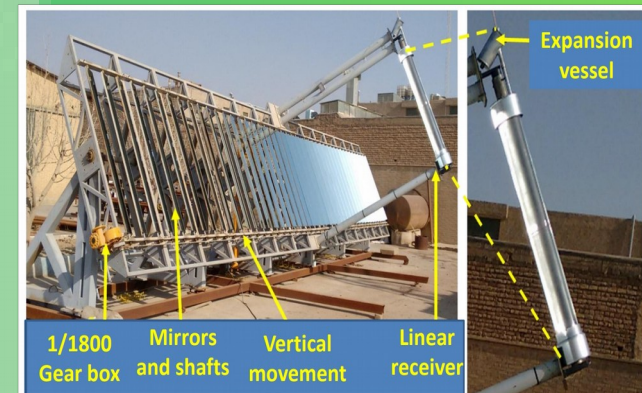
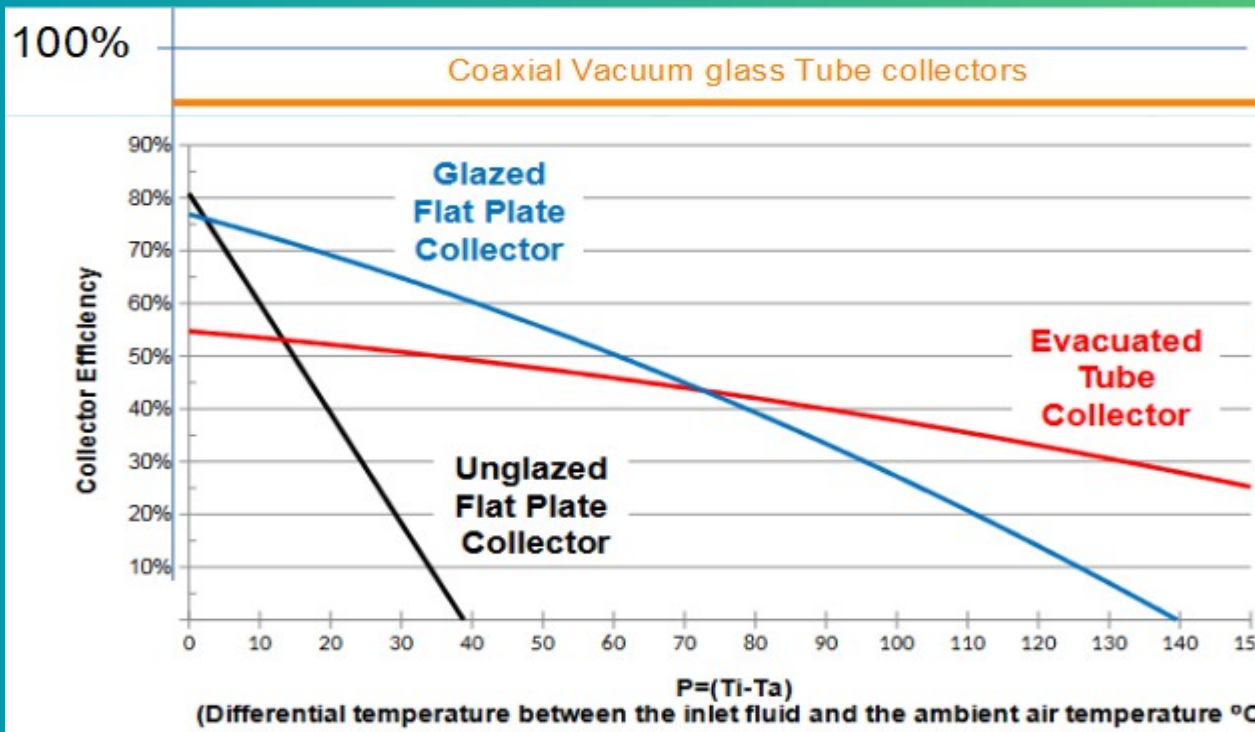
We have successfully installed residential units that achieved 100% solar hot water needs during the spring, autumn, and summer seasons and achieve 30-50% during Harsh Canadian winters! Building on this success, we're scaling our solutions to cater to industrial sectors, ensuring energy efficiency and sustainability across the board.



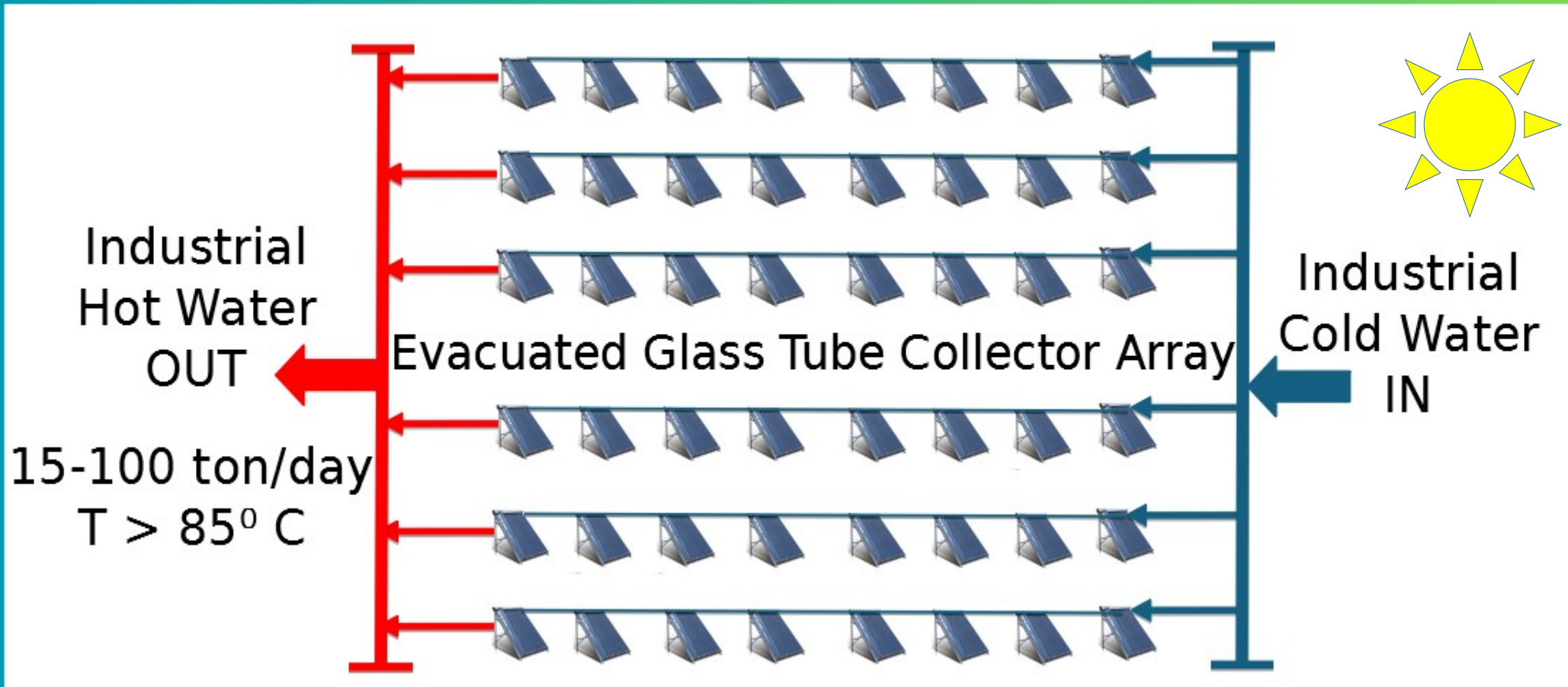


We fight against climate change by using highly efficient elements—over 90% efficiency—to capture energy from the sun. Comparison of Efficiency Levels: Conventional collectors currently used worldwide.

	Coaxial Vacuum	Regular vacuum tube	Flat plate	• Unglazed
Optical Efficiency	90% - 96 %	70% - 80%	40% - 70%	• 0-80
Overall installed thermal efficiency (above 0 °C)	70% - 85%	60% - 70%	0% - 60%	• 0%-60%
Overall installed thermal efficiency (Below 0 °C)	70% - 85%	Under 50%	0%	• 0%



How industrial solar hot water is generated?...



Contact Us

Phone: 519-590-1292

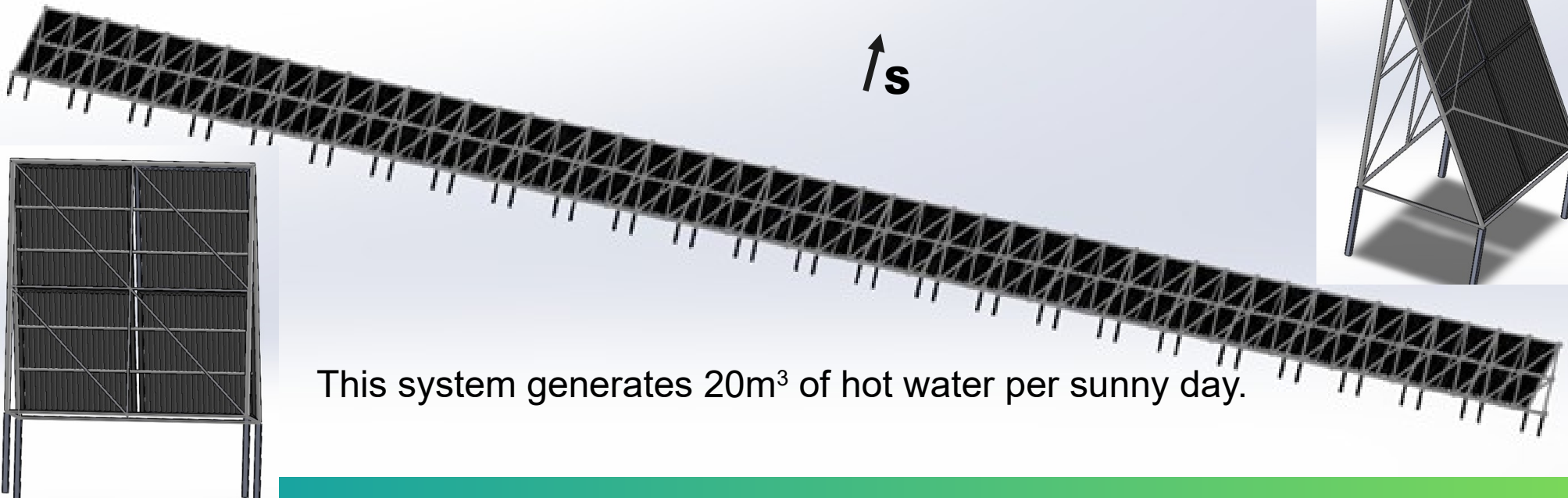
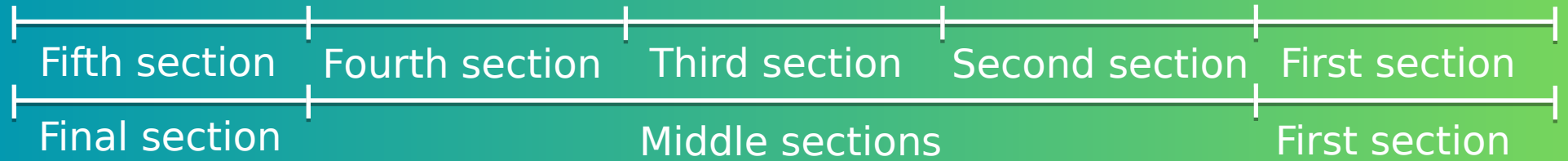
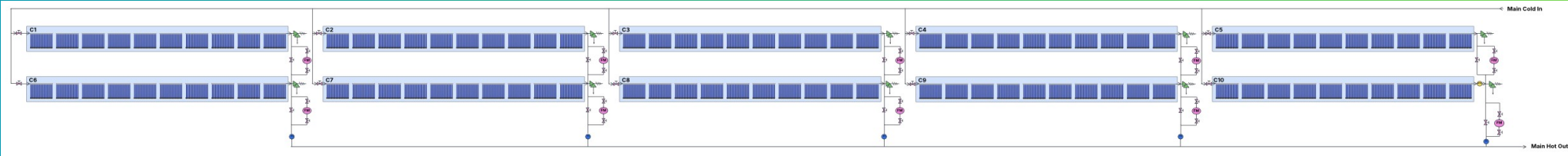
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CA



Arrangement of 100 evacuated tube solar collectors: Every 10 evacuated tube solar collectors are connected in series with another set of 10 collectors connected in parallel. For every 20 collectors, a flow meter, safety valve, and temperature indicator are installed for safety purposes.



This system generates 20m³ of hot water per sunny day.

Specifications of our design

Compliance with Standards: Adhere to NABCEP guidelines and industrial codes for system installations.

Durability: Use materials compatible with weather resistance and compatibility to ensure long lifespan.

Safety: Implement a comprehensive site safety plan to ensure secure installation and operation of the system.

Scale-ability: Design the system to be scalable for various industrial applications, from 20m³ to 100 m³ per sunny day

Monitoring Capability: Include temperature, pressure, and flow measurement devices for system monitoring and optimization.