

The background of the slide features a close-up, low-angle shot of the United Arab Emirates flag. The flag's horizontal stripes of red, green, and white are captured in motion, waving against a clear blue sky. A bright sun is positioned in the upper center, creating a strong lens flare and illuminating the flag's fabric. A dark, semi-transparent banner is overlaid at the bottom of the image.

The Future of Solar Water Heaters in UAE

Is Solar Energy
a perfect fit
for UAE?

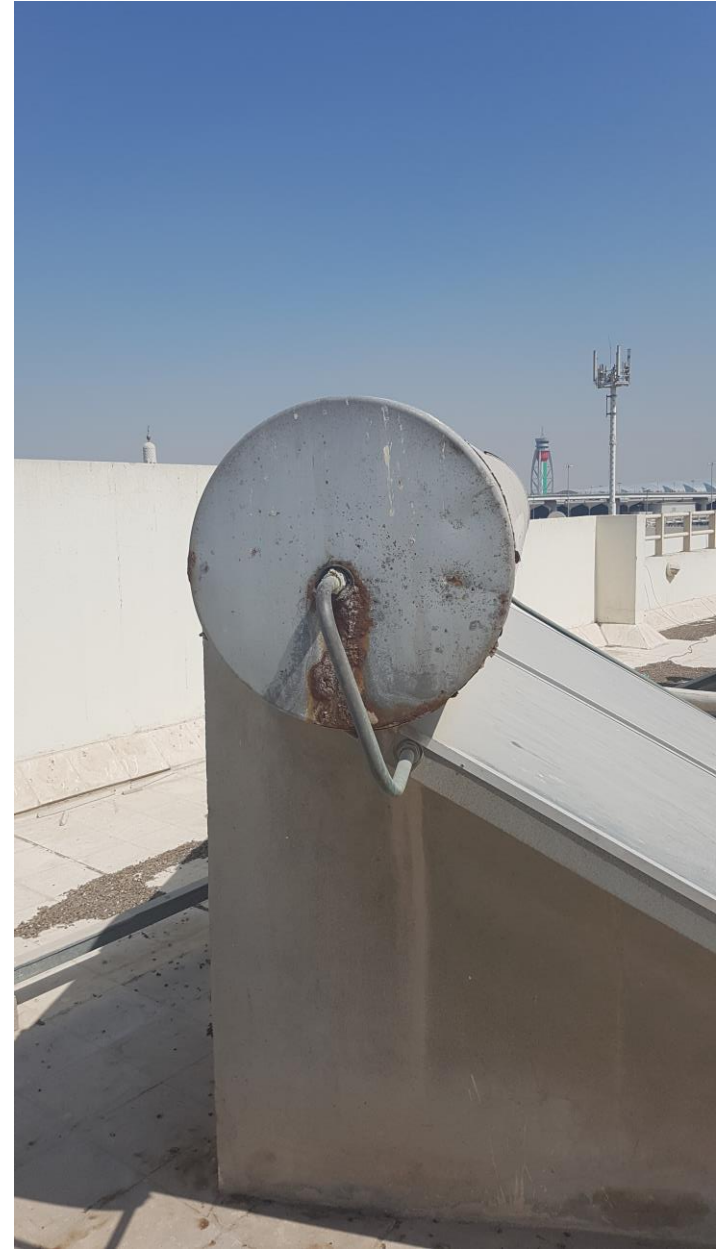


Overheating

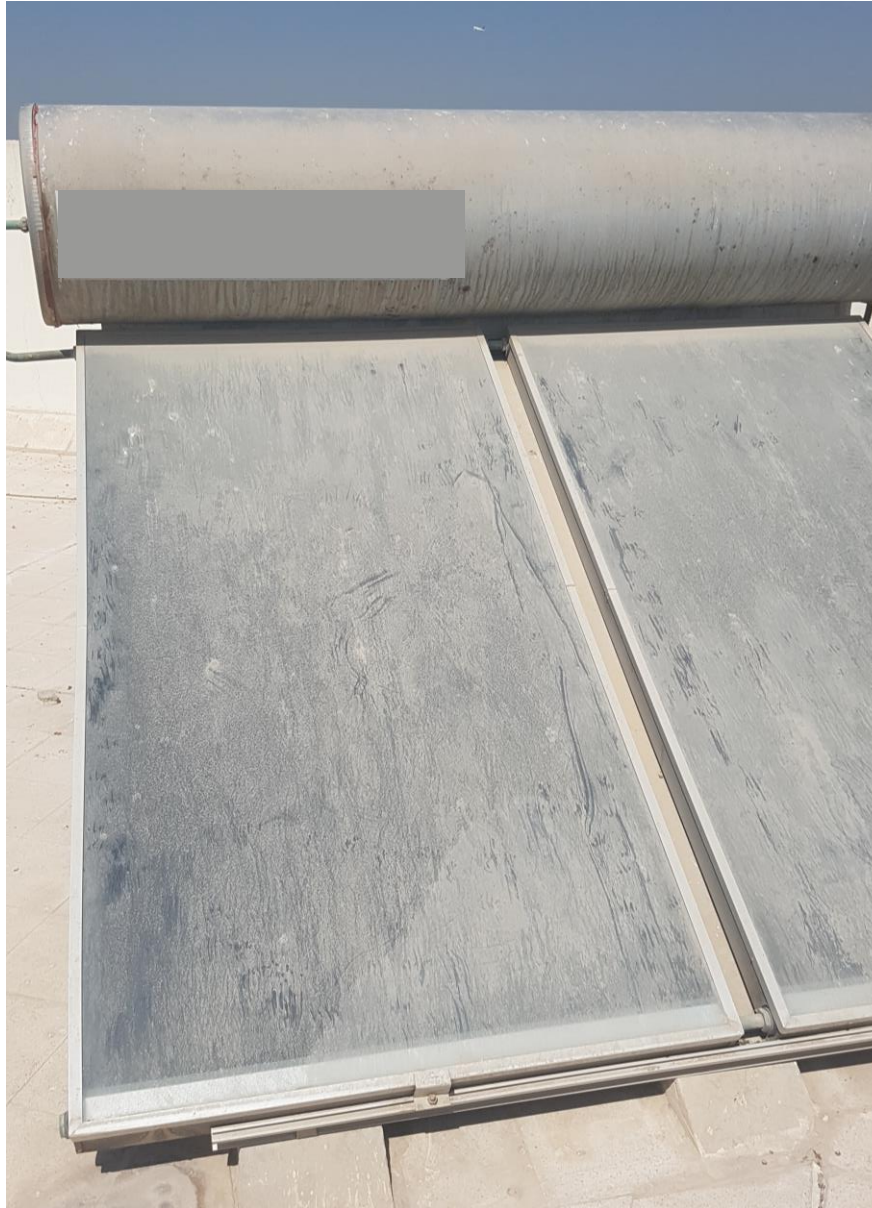
- Over 50 deg. C – Affects equipment
- Over 35 deg. C – Affects performance



Corrosion



Cleaning & Maintenance

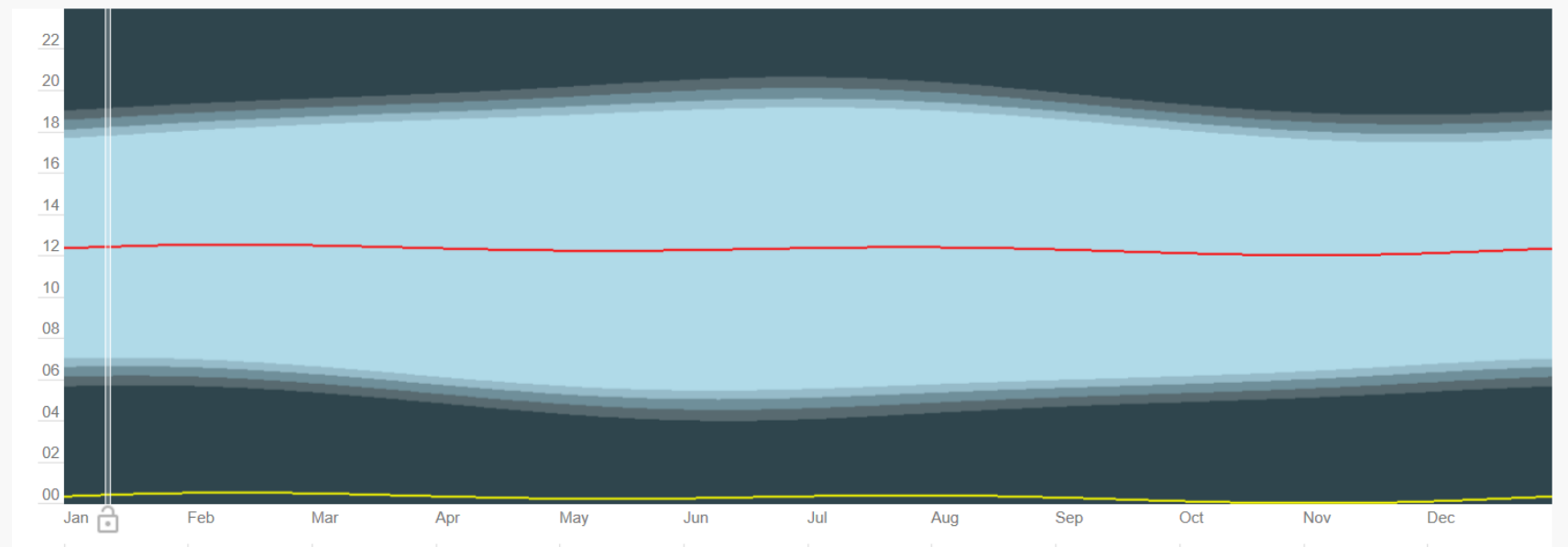


Space



Operation

Yearly Sun Graph for Abu Dhabi



Max Sunlight time [10:37 to 13:39] => [43.75% to 56.25%] of the day

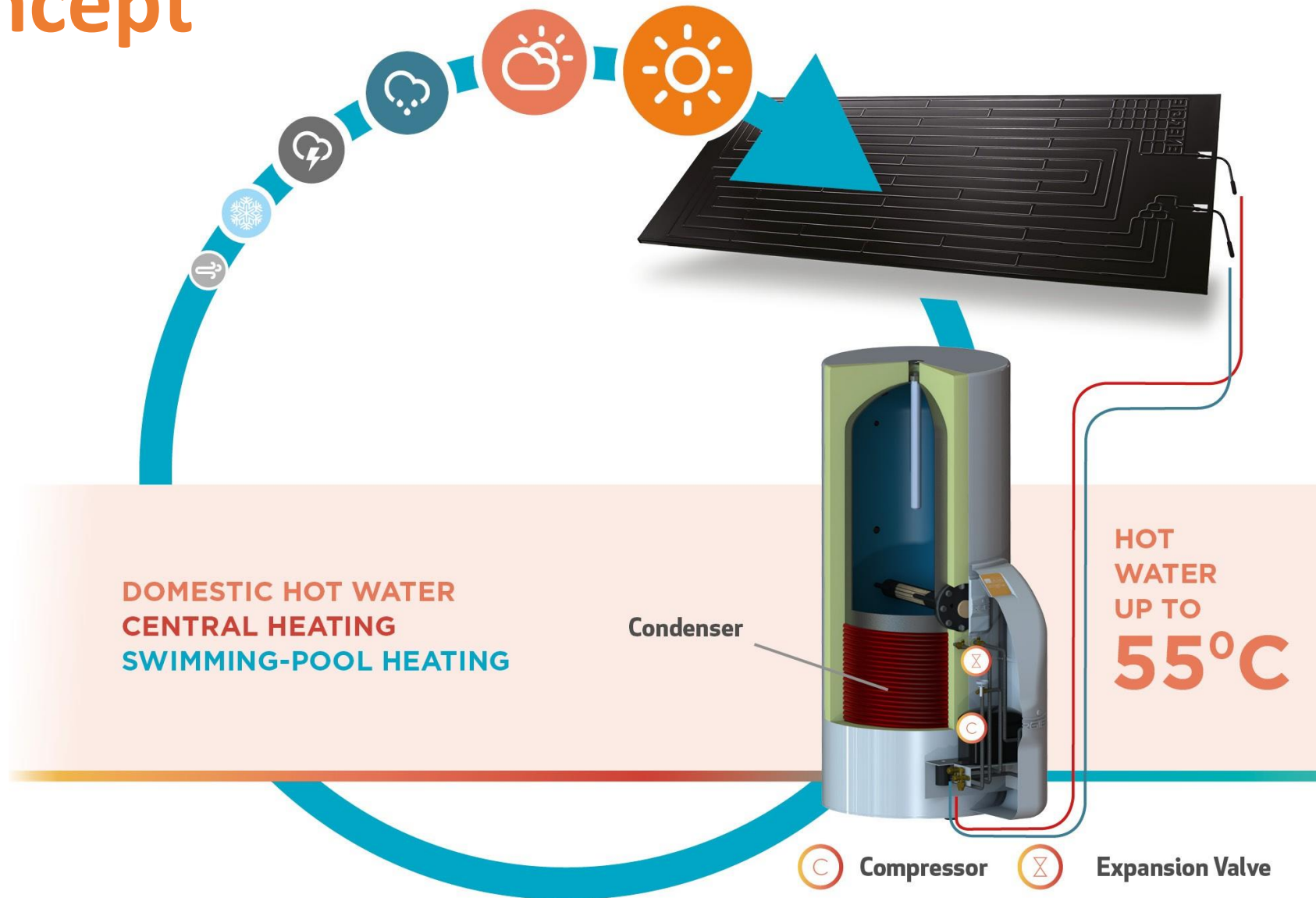
Affected by cloudy days and sand storms
Backup usage during night

Alternative

Thermodynamic Solar Energy



Concept



Advantages

- Thermodynamic solar system
 - Harvest the sun radiance and heat from the elements
 - Not subject to overheating
 - Protected from corrosion
 - No cleaning required on the panels
 - Minimal Maintenance
 - 80% less space required
 - Operation per demand (low cost)

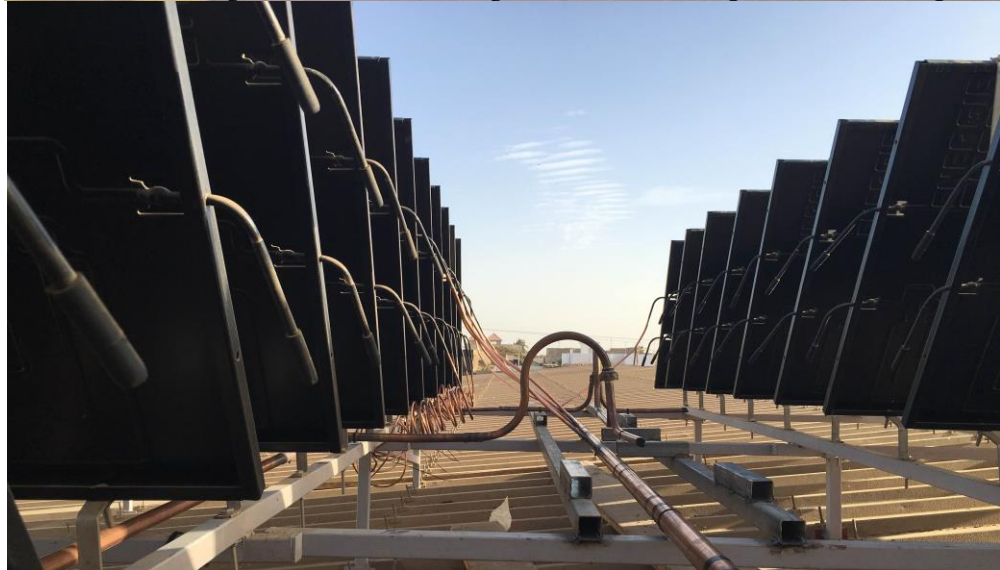
Solutions for DHW in Hospitals



Solutions for DHW in Hotels



Solutions for DHW in Industry



Solutions for DHW in UAE



References - Institutions





Thank you for your time and attention.

I remain at your complete disposal for any further clarifications or details you may require.

Hugo Domingues – Business Director

Shk. Mohammad Bin Rashid Charity Est. Building, Al Rasheed Road, Al Mamzar. - Dubai

Mobile: +971 56 1925271 **Phone :** +9714 220 8333

Email: hugodomingues@energiegcc.com www.energiegcc.com