



LED & SOLAR Technology Solutions

Industrial and Domestic



INTRODUCTION

Thermovision, a registered private Ltd. Company is a renewable and alternate energy solutions provider for domestic and industrial applications.

The exponential growth of Pakistan's energy consumer relying on alternate solutions like diesel generators, UPSs due to acute shortage of energy with in public sector is growing steadfastly, and it will persist in future to come.

These alternate solutions are again draining the resources on both side .From public sector perspective generator use gasoline as a fuel while UPS require electrical power to recharge the batteries and on consumer side it drains its financial resources as equipment and maintenance cost is getting unbearable.

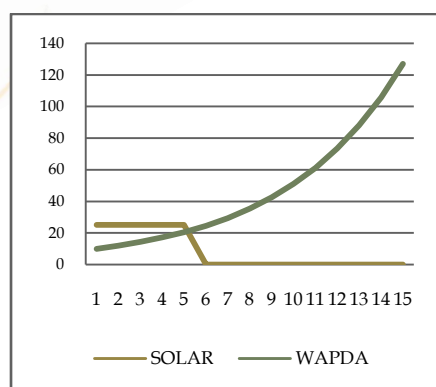
Thermovision aim is to provide a best solution as to satisfy the needs in meaningful and acceptable manner which gives complete satisfaction to the end user on time and with best cost available.

First We offer cost effective and totally independent Solar energy solution which can be used as an alternate solution in urban areas and independent solution for rural areas' consumer to address their present and future needs of heating of water, home, hospitals, schools and other community, we provide Solar water heating, Solar water pumps for commercial, industrial and home users. For industrial purposes, this is a very key and most important solution, as there is continues requirement of heating.

Second The energy conservation solution in this regard We offer Light Emitting Diode (LED) based indoor to outdoor illumination system ranging from 01 watt to 300 watt which is very energy efficient, environmental friendly, cost effective, Low maintenance, more life as compared to normal lighting system.

THE ECONOMICS

The economics of typical solar energy solution for home or commercial unit is shown in graph comparing the cost of public sector energy. Assume, year the solar project started the price of electricity from WAPDA is 10 paisa/ unit (KwHr) and the solar generated electricity is costing 25 paisa/unit. The solar electricity price remains constant for the life of the project, which are typically 15 to 20 years with warranties. The WAPDA electricity price increases by 20% every year based on historical trend of Pakistan energy prices. At 5 years, the breakeven point is reached when the customer recovers their investment for the solar project. Thereafter, the solar generated electricity is free which the grid electricity continues to skyrocket.



PRODUCTS

Light Emitting Diode

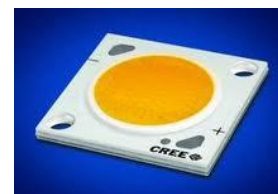
These are the lights with new technology ranging from Indoor to Outdoor, normal usage to Explosion proof areas with high intensive areas. From IP55- IP68 rating lighting technology is also easily available.

The main benefits of using this technology can be found on our website.

Complete range of the idea is mentioned below.

Indoor Lights

LED Bulb
LED Tube Light
LED Lamp
LED Spot Light



Outdoor Lighting

- LED Flood Light
- LED Street Light
- LED Tunnel Light
- LED Pool Light
- Solar LED Street Lights



THERMOVISION (PVT) LTD.



Complete Solar Power Solution

Solar system is very useful in producing energy in different fields of community, from Household to Industry.

Here as we are attached with different organizations and working to provide the best alternative solutions as our country is struck in huge electricity crises.

For that purpose, we are providing solar power solution, especially for industry. Our solar panels are ISO certified and imported from Germany (Q cells). Batteries used for backup are also ISO certified and imported from France and Hong Kong (BSB Power solutions).

Other accessories are also easily available from Pakistan with good quality.



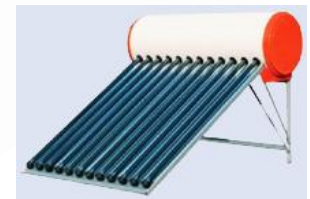
Solar Water Pumps

Water is very important necessity in our life specially it is very important in our country as there is hardly very difficult to find clean and clear water in any part of the country. These are made of Lorentz Germany.



Solar Heating Solution

The diverse yet extreme weather conditions in Pakistan require home and water heating, by using our high quality Solar water Geysers, less consumption of heating from SUI Gas is possible and this product is not only good for heating of water for bath, but also for room heating as well.



Another solution for Energy Conservation

THERMOVISION (PVT) LTD.



Energy Saving Building Structure

After hitting earthquake and flood in our country, most of the people in the effective areas lost their homes and shelter and other community places including schools, colleges, hospitals etc.

Light Gauge structure and Pre-Fabricated material are the best solutions available for the said purposes as we have already built many homes and shelters in different parts of the country. Energy efficient, less costly, easy to assemble and de-assemble, green environmental effects are the main features of this product.



Technologies Offered

- LED technology is being used by LED invertors in CHINA.
- Array used in the lights are from CREE and EPISTAR
- Solar Panels are manufactures locally but the cells used inside the modules are from Q-Cells Germany.
- Batteries are mostly maintenance free and being imported from BSB Power solutions France. Their Head office is in Hong Kong.
- Solar Water pumps are from Lorentz Germany.
- For these solar modules, a well designed structure is required. We have very well qualified and experienced designer and architect from Canada and registered in Pakistan Engineering Council in our team.

CLIENTELE

From the very first day, we put more emphasis and efforts on research and development to adopt different techniques in all defined areas.

For that reason, we have consulted, contacted and worked with many organizations. Major organizations are;

- PTCL
- LTE ENGINEERING (PVT) LTD
- BLUE LINE TECHNOLOGIES

Management

From the start, we have very well educated and well established team of people. Our Financial and audit matters are being supervised by

“M/S Adeel Asif & Co.-Cost and Management Accountant.”

www.adeelasif.com

Our Profile and Website was developed by a prestigious and well maintained organization in a very well mannered way

“Total Consulting (Pvt) Ltd.”

www.totalconsultingintl.com

Company formation:

Chief Executive Officer: **Asif Javed**

Name: **THERMOVISION (Pvt) Ltd**

Incorporation Number: 0060197

Address: FLAT-NO: 04, BLOCK-NO: 7C
FEGHF, G-11/3, Islamabad,
Pakistan.

Legal Advisor: **Mr. Shakeel Qaiser**
(Advocate)

Auditor: **Adeel Asif & Co- Cost and
Management Accountants**
(www.adeelasif.com)

ABOUT THERMOVISION

The company was established in 2007 as a legal entity under Companies Ordinance with Securities and Exchange Commission of Pakistan (SECP) Islamabad.

The main purpose defined under this umbrella is to promote the alternate energy in Pakistan as our country is in major energy crises.

Since its formation, highly qualified personnel and experts were engaged in the view to promote the industry. Different sectors were studied with different expertise. More emphasis was made on research and development. Major areas are Energy conservation, lower consumption of reserves, better utilization of resources, selection of alternate solutions, friendly environment behaviour. With the help of these studies, we are successful in finding the best solution for community.

Commitment

Core emphasis is educating the customer, designing, implementing and supporting an economically and technically viable renewable energy based solution with built in long term reliability and sustainability.

Every solution is backed by economic and technical rationale and is jointly reviewed and agreed with the customer.

Thermovision services are 100% guaranteed and the equipment carries manufacturer's warranty.

WHERE TO FIND US

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