



where **INNOVATION** meets
SUSTAINABILITY in the realm
of energy technology.

COMPANY PROFILE

A Brief Introduction



Introduction

Welcome to Tamheed Energy, where innovation meets sustainability in the realm of energy technology. At **Tamheed**, we're committed to revolutionizing the landscape of sustainable energy solutions, fueled by cutting-edge advancements in digitization, automation, and cybersecurity. With a focus on both IT and OT systems, we ensure the seamless integration of digital technologies while prioritizing the security of our infrastructure. Join us on our journey towards a greener, safer future. Our company have five divisions. Digital Transformation, Cyber Security Solutions, Cyber Security Consulting, Energy Project Division and Industrial Automation.

We provide value-added services and various other types of project management to cater to our clients' requirements.

History

- Tamheed Energy Pvt. Ltd. was established in 2017
- Established Middle East branch in Kingdom of Saudi Arabia in 2022.
- Executed diverse projects independently and in collaboration with global EPC firms in Pakistan and Saudi Arabia.

Our Vision

To lead the global transition towards sustainable energy through innovative digitalization and automation solutions, ensuring a secure cybersecurity framework for both IT and OT sectors.

Our Mission

We are committed to pioneering sustainable energy technologies while leveraging digitalization and automation to optimize efficiency. Our focus on cybersecurity ensures the integrity and reliability of both our IT and OT systems, fostering a secure energy ecosystem for a sustainable future.

Core Values

- Sustainability
- Integrity
- Excellence
- Safety



CEO's Message

As CEO of Tamheed Energy, I am honored to address you, our valued partners, employees, and clients. Our company's commitment to excellence is unwavering.

We are dedicated to delivering innovative solutions that not only meet but exceed expectations. In today's rapidly evolving business landscape, adaptability is paramount. At Tamheed Energy, we embrace change and have built a culture of continuous improvement and creativity.

Our core values guide every decision we make. Our past achievements are a testament to the hard work and dedication of our team, and we are grateful for your trust and support. As we look ahead, our focus remains on driving sustainable growth, fostering meaningful relationships, and leaving a positive impact on society.

I invite you to explore our company profile to learn more about Tamheed Energy and our vision for the future. Your feedback is invaluable as we continue to strive for excellence.

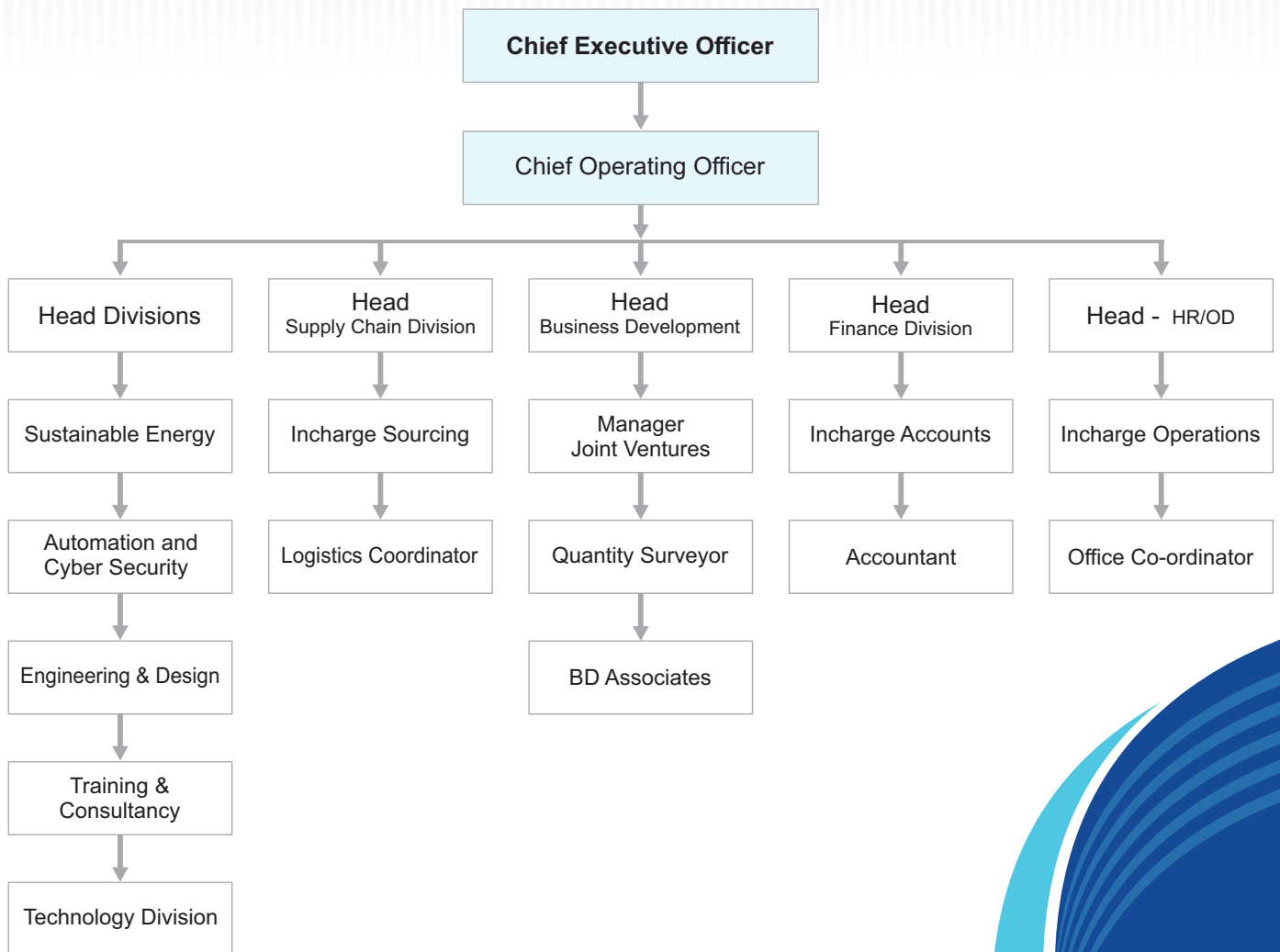
Thank you for being part of our journey.

Mr. Rashid Hussain

CEO



Organizational Chart



Our Divisions



Sustainable Energy Division



Industrial Automation &
Cyber Security



Engineering and Design



Training and Consultancy



Technology Division



Our Partners

Sustainable Energy Division

Tamheed Energy has forged successful collaborations with esteemed global partners. Through these strategic alliances, we intend to expand our offerings, with a particular focus on the energy efficiency sector.

In the realm of energy efficiency, we have established collaborative partnerships to amplify their impact. **Tamheed Energy** has signed an MOU with CIBEA (Center for Industrial and Building Energy Assessments), a Pakistani company specializing in industrial and building energy assessments.

Additionally, we have aligned our self with Eco Footprints Solutions, a U.S.-based company renowned for its expertise in energy-efficient solutions. These collaborations are poised to drive innovation and progress in the energy efficiency sector, working towards a sustainable and eco-friendly future.



CIBEA, Pakistan



Eco Footprint Solutions, USA



Consultant Profile (CIBEA)

(Center for Industrial & Building Energy Assessments)

CEO's Introduction

Dr. Mohammad A. Irfan received his Ph.D. in Mechanical Engineering from Case Western Reserve University, USA, in 1998.

- After joining Qassim University in 2010, he established the Industrial Energy Assessment Lab and conducted energy audits in Saudi Arabia.
- Dr. Irfan obtained the Certified Energy Manager (CEM-AEE) certification in 2016.
- He served as a Trainer of Trainers of CEM at SEEC, Saudia.
- From 2018 to 2021, he led the faculty at UET, Peshawar, as Dean.
- In 2021, Dr. Irfan received the Asia Subcontinent Energy Professional Award from the Association of Energy Engineers, USA.
- Currently, he serves as the Director of the Center for Industrial and Building Energy Assessments (CIBEA).



Consultant Profile (CIBEA)

(Center for Industrial & Building Energy Assessments)

Company Introduction

Led by Dr. Irfan, CIBEA is one of the leading energy auditing companies in Pakistan. CIBEA conducts energy assessments, carbon assessments and scoping studies to ensure the sustainability of the industrial and building sectors.

Expertise of CIBEA

- Energy Assessment
- GHG Accounting and Decarbonization
- Carbon Assessment
- Energy Efficiency Training
- Solar Feasibility Studies



Some Projects by CIBEA



Industrial Energy Efficiency and Decarbonization Study for Pakistan - funded by World Bank



Energy Assessment of Cogeneration based Gas-fired Captive Power Plants (CPPs) - funded by NEECA



Implementation of ISO 50001 in selected industries of KP and Baluchistan - funded by UNIDO, in Collaboration with CEMS



Implementation of Energy Efficiency Measures in Municipalities of KP and Punjab - funded by GIZ, in Collaboration with 8.2 Consultants



Compressed Air Audit of the 7 plants of Coca Cola, Pakistan



Energy Assessment of Walls Ice Cream Factory at Unilever, Pakistan

Project Line by CIBEA

Textile Industries

Artistic Denim, Artistic Garments, Al-Karam Textile, Artistic Fabric, Siddique Sons, Ebrahim Textile, Al-Rahim Textile, Style Textile, Digital Dyeing

Iron and Steel

FF Steel Peshawar, Frontier Foundry, Amreli Steel, Fazal Steel, Bolan Casting, Intl. Steel Ltd.

Chemicals & Fertilizers

Lotte Chemical, Gatron Industries, Fatima Fertilizer, Fauji Fertilizer, Peshawar Chemicals, Khyber B&C

Cement & Ceramics

Lucky Cement, Bestway Cement, Kohat Cement, Imran Marbles, Shabir Tiles

Food & Beverages

Coca Cola (7 Plants), English Biscuit, Qarshi Industries, Millac Foods, Unilever (Wall's)

Pharma Companies

Abbot Pharma, Macter Intl.

Building EE Audits

24

Industrial Energy Audits

20

Industrial Decarbonization Audits

15

Industrial Captive Power Plant Audits

10



Consultant Profile

Eco Footprint Solutions LLC - USA

Company Introduction

Eco Footprint Solutions specializes in guiding businesses and communities toward sustainability by providing comprehensive solutions in energy efficiency and decarbonization. Their expertise empowers clients to reduce energy and carbon footprints, boost profitability, and contribute to a greener, more prosperous future.

Services

- Industrial Energy Efficiency
- Building Energy Efficiency
- GHG Accounting
- Community Engagement
- Energy Audits of Power Plants
- Workforce Development
- Energy Efficiency in Municipalities



Joint Services

Tamheed Energy and Partners

Energy Assessment

- Energy Assessment of industrial facilities
- Energy Assessments of buildings

Energy Assessment Training

- Training on industrial energy assessment
- Training on building energy assessment
- Training on street light design
- Training on municipal energy management

Decarbonization

- Carbon Assessments of industrial facilities.
- GHG Inventory preparation for organizations
- Developing emission reduction plans

Scoping Studies

- Energy Efficiency
- Decarbonization
- Alternate Fuels
- Renewable Energy (Solar PV, solar thermal)

Renewable Energy Projects

- Solar Water Heating
- Solar Streetlights
- Solar PV Systems
- Solar-based RO
- Solar Water pump

Roadmap





Quality Policy

Our quality policy is centered on innovation, reliability, and customer satisfaction. We adhere to stringent industry standards and continuously improve our processes to ensure the highest level of security and efficiency in our solutions.

At **Tamheed Energy**, quality is not just a policy; it is the foundation of our commitment to excellence and our promise to our clients and partners.

Key principles:

Customer Focus: Understanding and meeting the specific needs and expectations of our clients.

Continuous Improvement: Regularly enhancing our processes, technologies, and skills to stay ahead in the dynamic fields of cyber security and renewable energy.

Innovation: Encouraging creativity and innovation to develop cutting-edge solutions that address current and future challenges.

Sustainability: Promoting sustainable practices and solutions that contribute to environmental preservation and energy efficiency.

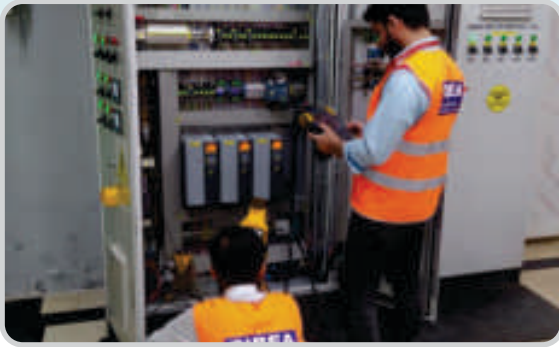


QUALITY
LEVEL

Photo Gallery



Photo Gallery



*"We don't want to push our ideas on to customers,
we simply want to make what they want."*

Laura Ashley



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