



Save energy - Reduce expense - Protect environment



*Deliver results with integrity*

# Welcome to FBSC

We help you in  
saving energy,  
increasing  
profitability &  
protecting  
environment



# Table of Contents

About Us	03
Profile	05
Our Services	07
Our Projects	11
Instruments to be Used	14
Our Clients (Partial)	16
Certificates	18
Why Choose Us	19



# About Us



Quality



Integrity



Stakeholder  
Contentment



Justice



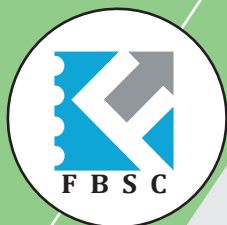
Teamwork

## Our Vision

Deliver a knowledge-based ladder for professionals and business entities through continuous learning with satisfaction and thereby achieve excellence.

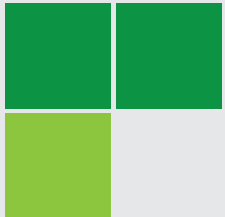
## Our Mission

Gathering & disseminating knowledge in a conducive, accessible & customized environment with affordable terms ensuring quality, adaptation, compliance, practical demonstration and integrity.



# Company Profile at a Glance

- Independent audit, training & consulting firm operating since 2019
- Government approved Energy Audit
- Specialized in energy management, project management & performance management
- International standard training division
- State-of-the-art measuring tools and the latest techno-commercial concept for clients



# Profile

**Sumit kumar Saha**, PMP®, CEA®, cKPIP  
CEO, FBSC | Energy Auditor (SREDA, Bangladesh Govt.)



- Over 20 years of experience working in energy sector
- Energy Auditor, SREDA, Bangladesh Govt.
- Certified Energy Auditor (CEA®), AEE, USA
- Project Management Professional (PMP®), PMI, USA
- Certified KPI Professional, The KPI Institute, Australia
- Fellow member of Institute of Engineers, Bangladesh (IEB)
- Member of BSHRM, Bangladesh and PMI, USA
- Assessor for Carbon footprint / GHG accounting as per ISO 14064:2018
- Lead auditor for EnMs ISO 50001:2018

# Our Team



**Radhesh Sarkar**

B.Sc (EEE), CEMBA, CEM<sup>®</sup> (SREDA), 12.6 years  
Senior Manager, Operations



**Kazi Mahidul Islam**

B.Sc (EEE), 7 years  
Manager, Energy Audit



**Md. Tarikul Islam**

B.Sc (EEE), 3.6 years  
Engineer, Business Development



**Sayeb Md. Shuvo**

BBA (Accounting), 1.6 years  
Executive, Business Development



**Provashish Roy**

B.Sc in (CSE), 1 year  
Executive, IT & Operation

# Our services

Year of establishment : 2019

Projects completed & ongoing : 14



- 1 Govt. approved energy audit for assessment of energy efficiency & conservation opportunities
- 2 Lead audit for energy management system ISO 50001:2018 certification
- 3 Energy efficiency and conversation project implementation support
- 4 Training on project management, energy management & performance management
- 5 Consultancy for project management Office (PMO) setup
- 6 Consultancy for EnMS ISO 50001:2018 implementation
- 7 Consultancy for LPG import terminal, bottling plant, LPG cylinder manufacturing plant, Auto LPG Station

# Our services

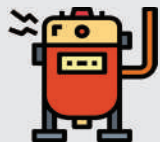
Energy Assessment services for the following thermal, mechanical, and electrical utilities



Energy and Carbon  
Assessment of Building



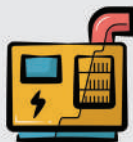
Energy and Carbon  
Assessment of Industries



Boilers



Gas Gensets



Diesel Gensets



Air Compressors



Water Pumps



Cooling Towers



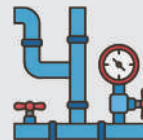
Electrical  
Distribution System



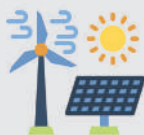
HVAC System



Lighting System



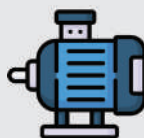
Thermal System



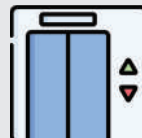
GHG emission and  
Solar System



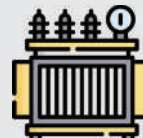
Chillers



Motors



Elevators



Transformers

# Specialized Services



Power Quality  
Analysis Tests



Flue Gas  
Analysis Tests



Thermal  
Imaging Tests



Compressed Air  
System Tests



EnMS-ISO 50001:2018  
Implementation



ASHRAE Energy Audit  
Levels 1, 2 and 3



Carbon footprint &  
GHG accounting



Low cost financing support  
for energy efficiency and  
conservation project

# Retainership service package



- 1 Annual energy audit
- 2 Training for energy managers
- 3 Energy data collection periodically & reporting
- 4 Energy efficiency and conservation project management training
- 5 Energy efficiency and conservation project management financing support
- 6 Energy monitoring system implementation support
- 7 Carbon footprint & GHG accounting
- 8 Internal audit for ISO 50001:2018
- 9 ISO 50001 new certification / certification renewal support
- 10 Training on KPI for energy management perspective

# Our Projects



Project Management Training & PMO Setup of The Royal Utilisation Services (Pvt.) Ltd.



Bangladesh Project Management Symposium & Excellence Awards 2021



Energy Audit of Delta Agro Food Industries LTD



Energy Audit of TMSS CNG Limited



Advising Service for Implementation of LPG Import Terminal & Bottling Facility of TMSS LPG Ltd.



Energy Audit of BCL food & Beverage Limited

# Our Projects



Energy Audit of  
BCL Paper Mills Limited



Energy Audit of  
BCL Ceramic Industries Limited



Energy Audit of  
Southern Clothings LTD.



Energy Audit of  
Israaq Spinning Mills Ltd.



Energy Audit of  
Momo Inn Hotel & Resort



Energy Audit of TMSS Medical College  
and Rafatullah Community Hospital

# Our Projects



Energy Audit of  
Diganta Sweaters Ltd.



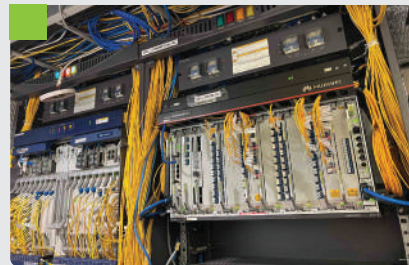
Energy Audit of  
Bombay Sweets & Co Ltd.



Energy Audit of  
Noman Textile Mills Ltd.



Energy Audit of  
Premier Cement Mills Ltd.



Energy Audit of  
Summit Communications Ltd.

# Instruments to be Used



**Clamp Meter**  
Brand: Hioki  
Model: 3280-20F



**Light Meter**  
Brand: Amprobe  
Model: AM 281



**Psychrometer**  
Brand: Fluke  
Model: 971



**Thermal Imager**  
Brand: Testo  
Model: 868



**Power Quality Analyzer**  
Brand: Hioki  
Model: PQ3198



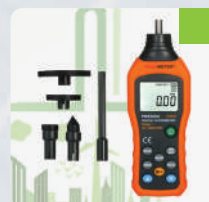
**IR Gun**  
Brand: Fluke  
Model: 62 Max



**Multifunction Meter**  
Brand: Kyoritsu  
Model: KEW6516BT



**Leak Detector**  
Brand: Amprobe  
Model: ULD-410



**Tachometer**  
Brand: Peak meter  
Model: PM6208A

# Instruments to be Used



**Ultrasonic Flow Meter**

Brand: Fluke  
Model: PTFM 6.1



**Ultrasonic Steam Trap Tester**

Brand: Microsonic  
Model: EI701SN



**Air Quality Meter**

Brand: Fluke  
Model: 975



**Digital Hygrometer**

Brand: Brannan  
Model: Junbo Max Min



**Flue Gas Analyzer**

Brand: Testo  
Model: 340



**TVOC-HCHO**

Brand: CHICIRIS



**Anemometer**

Brand: Nicetymeter  
Model: AM821



**pH & TDS Meter**

Brand: Trans instruments

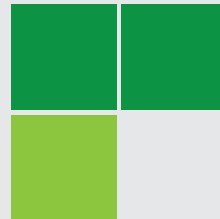


**Ultrasonic Thickness Gauge**

Brand: Smart Sensor  
Model: AS840

# Our Clients (Partial)

FBSC has successfully completed many projects for the following national and international clients



# Our Clients (Partial)

FBSC has successfully completed many projects for the following national and international clients



# Certificates



## Certificate of Achievement

This is to certify that

**Sumit Kumar Saha**

has attended and successfully completed the course assessment for the

**Technical Workshop**

**Carbon Footprint / GHG Accounting**  
(based on ISO 14064, ISO 26264, ISO 14083, ISO 14046)

Held on: **May 22 - 24, 2023**

at: **Pune, India**

Signed:   
Sumit Kumar Saha  
Head of Assessment

Certificate Serial No: **040-10328864/09**

Date: **June 05, 2023**

Issuing Office located at: Bureau Veritas Certification Private Limited, Mumbai

## THE KPI INSTITUTE

Certified KPI Professional Certificate issued under the powers delegated by The KPI Institute.  
This is to certify that

**Sumit Saha**

Has successfully completed the Certified KPI Professional training course and has passed the certificate examination, being recognized as



**CERTIFIED  
KPI PROFESSIONAL**

In accordance with the standards prescribed by the Key Performance Indicators Framework administered by The KPI Institute

Certification Number: **1000314-0-020-CEP2**

Effective date: **7 August 2019**

Event: **1 - 3 August 2019, Dhaka, Bangladesh**  
Facilitator: **Andreas Strath, The KPI Institute**



Andrius Strath  
Course Facilitator

Andrius Strath  
CEO of The KPI Institute

For KPI Institute: 11, Williams Road, 10th Floor, Dhaka-1000



Bureau Veritas Certification

## Certificate of Achievement

This is to certify that

**Sumit Kumar Saha**

has attended and successfully completed the course assessment and examination for the

**PRIME ENMS ISO 50001:2019 Lead Auditor Training Course**

Course No. 21 provided by the CQI and IRCA. This course satisfies the training requirements for the CQI and IRCA Lead Auditor Certification Scheme.

Held on: **December 01 - 02, 08 - 10 & 26, 2023**

at: **Pune, India**

Signed:   
Sumit Kumar Saha  
Head, RT Assessment

Date: **January 26, 2023**

Certificate Serial No: **23/76/2023/ENMS**

Unique Design No: **00676**



This Certificate is valid for 3 years for the purpose of Auditor Certification by CQI and IRCA



Government of the People's Republic of Bangladesh  
Sustainable and Renewable Energy Development Authority (SREDA)  
Power Division  
12B Bhuiyan, Ramna, Dhaka-1000  
[www.sreda.gov.bd](http://www.sreda.gov.bd)

## Energy Auditor Certificate

Registration No: **EA/WE-023822P-005** Date: **29 March 2022**  
Examination Roll No: **282203020** Session: **2021-2022**

Next Date of Renewal: **29 March, 2027**

This is to certify that **Sumit Kumar Saha** son of **Ravendra Nath Saha** and **Gita Rani Saha** passed all the subjects of the Energy Auditor Certification Examination, has been awarded the Energy Auditor Certificate.

2. It will be renewed in every 5 (five) years.

Signature and Seal  
Matamoni Alamuddin  
Chairman (Energy)  
SREDA, Power Division  
12B, Chandra Bazar, Dhaka

## Project Management Institute

ISO 9001:2015 CERTIFIED

**SUMIT KUMAR SAHA**

**Project Management Professional (PMP)®**

IN TESTAMENT WITNESS, WE HAVE SUBMITTED OUR SIGNATURES UNDER THE SEAL OF THE INSTITUTE



Sumit Kumar Saha  
PMP Holder

PMP# Number: **212008**  
PMP# Original Exam Date: **08 May 2023**  
PMP# Expiration Date: **08 May 2027**



**By this Diploma Warrants**

That **Sumit Kumar Saha** (Member) was duly elected **Member** of the Institution and is fully entitled to all the privileges granted by the constitution and bye-laws

Sumit Kumar Saha  
Honorary Secretary

For the Institution: 12B, Chandra Bazar, Dhaka



The Association of Energy Engineers

**CERTIFIES THAT**  
**Sumit Kumar Saha**

has completed the prescribed standards for certification, has demonstrated a high level of competence and critical thinking for energy auditing, and is hereby granted the title of **CERTIFIED ENERGY AUDITOR™**

Sumit Kumar Saha

Sumit Kumar Saha

Date: **December 21, 2023**

91048



## Certificate of Participation

**SUMIT KUMAR SAHA**

is hereby recognized as having attended the following

**ADVANCED-LEVEL ENERGY AUDIT TRAINING FOR CERTIFIED ENERGY AUDITORS**

Jointly organized by Bangladesh Advancing Development and Growth through Energy (BAGDE) and the Sustainable and Renewable Energy Development Authority (SREDA)

**July 16-17, 2023**

Sumit Kumar Saha  
Energy Auditor

Sumit Kumar Saha  
Energy Auditor

Sumit Kumar Saha  
Energy Auditor

# Why Choose Us



Government approved Energy Auditor / Audit Firm



Skilled manpower



In house training facility for relevant personnel



Competitive & timely



Retainership basis comprehensive energy management service package



Large project management experience



Availability of state-of-the-art technology & equipment



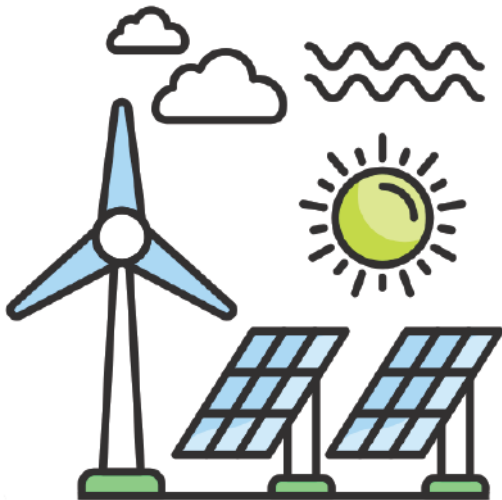
Help saving valuable foreign currency by providing energy audit service with local expertise



# Future Business Support Center (FBSC)

*Deliver results with integrity*

**Save energy - Reduce expense - Protect environment**



## **Address:**

Gemcon Elmarcado (A10/B10, 10th Floor), 114, Senpara Parbata, Begum Rokeya Sarani, Mirpur-10, Dhaka-1216.

**Email:** fbsc.sumit@gmail.com, service@fbsc.com.bd

## **Contact**

01782 157678, 01896 051100

*web: [www.fbsc.com.bd](http://www.fbsc.com.bd), FB & LinkedIn: FBSC Bangladesh.*

