











ZTENCO LIMITED PROFILE

Imagination is more important than knowledge Knowledge is limited. Imagination encircles the world

Albert Einstein!!!









ABOUT ZTENCO LIMITED !!!

ZTENCO LIMITED is a company characterized by a qualified team possessing vast experience in the power, energy, and industrial sectors, both domestically in Bangladesh and on the international stage.

Founded by distinguished and technically proficient professionals, ZTENCO boasts a team of experts encompassing electrical engineers, electronic engineers, mechanical engineers, plumbing engineers, electrical safety auditors, certified energy auditors, operation and maintenance specialists, project management professionals, construction management experts, financial analysts, business development specialists, and more. Additionally, ZTENCO maintains an active network of associate consultants and advisers who bring valuable expertise from diverse fields.



Established in 2017*, ZTENCO Limited has built a robust reputation in the power and energy sector, as well as the engineering industry. It stands out as a promising consulting company in Bangladesh, providing a varied spectrum of design and engineering consultancy services to both the public and private sectors in the country.





General Information of the Firm:

Name of Firm	ZTENCO Limited
Acronym	ZTENCO
Chairman	Md Atiquzzaman
Managing Director	Md Shamsul Alam
Year of Establishment	January 2017 (as ZTENCO)
Age of the Firm	8+ years
Type of Organization	Private Limited Company
Company Registration No.	No. C-166477/2020 (under Act XVIII of 1994)
Trade License No.	TRAD/DSCC/039950/2020
Tax Identification No.	748120415051
Business Identification No.	003652742-0208
Head Office	Dhaka, Bangladesh
Website	www.ztenco.com

WHO WE ARE !!!

ZTENCO LIMITED is a privately owned engineering consultancy and construction company operating in Bangladesh, specializing in the following service areas: Design, Engineering, and Consultancy Services for Power, Energy, Industrial, and Infrastructure Sector Projects. ZTENCO is a uniquely formed company with a strong nucleus of experienced professionals whose success has been built from over 30 years of experience. ZTENCO delivers a demonstrated ability to successfully compete with the technical and managerial breadth of larger organizations, while providing the various small and medium business services. ZTENCO has gained a growing list of repeat clients, with a reputation as a "get it done" company.

ZTENCO's philosophy is rooted in the pursuit of excellence, integrity, and sustainability. We are committed to providing a diverse range of engineering and consultancy services, including Technical and Financial Feasibility Studies, Environmental Studies, Grid Impact Studies, Owner's Engineering, Project Management Consultancy, Energy Audit, Electrical, Fire and Structural Safety Assessment, as well as MEP Design and Supervision Consultancy. Our core principles guide us in delivering unparalleled value to our clients and fostering a positive impact on the industries and communities we serve.





MISSION STATEMENT!!!

"To provide innovative engineering solutions and exceptional consulting services that empower our clients to succeed in their projects. We are committed to delivering superior quality, fostering sustainable practices, and fostering long-term partnerships, while maintaining the highest standards of professionalism and ethics."



VISSION STATEMENT!!!

"To be a recognized leader in engineering and consulting, driving transformative changes in the industries we serve. We strive to be the first-choice partner for clients seeking reliable, efficient, and cutting-edge solutions. Through our expertise and dedication, we aim to shape a better future, making a positive impact on the communities and environment we touch."



DIRECTORS OF ZTENCO LIMITED !!!

Md Atiquzzaman

Chairman

<u>atique@ztenco.com</u> <u>atique.ztenco@gmail.com</u>

+880 1715 050659



Mr. Md Atiquzzaman is graduated in Mechanical Engineering from Bangladesh University of Engineering and Technology (BUET) in 1983 and completed his MBA in Finance from Dhaka University. He has 35 years of experience in Energy Infrastructure Sector under different Companies of Petrobangla and 3 years in the Financial Sector at Bangladesh Infrastructure Finance Fund Limited (BIFFL), a Company under Ministry of Finance. He has served around 7 years as the Managing Director of - Gas Transmission Company Limited (GTCL), being responsible for Implementation, Operation and Maintenance of High pressure Natural Gas Pipeline Infrastructure in Bangladesh, - Bangladesh Petroleum Exploration & Production Company Limited (BAPEX), being responsible for Exploration and Production of Hydrocarbon in Bangladesh and as Executive Director & CEO of Bangladesh Infrastructure Finance Fund Limited (BIFFL), to facilitate in financing PPP Infrastructure Projects. Having more than 35 years of corporate experience in Energy Infrastructure (Up-stream/ Mid-Stream/ Down-stream) Sector, he has obtained considerable experience in the fields of Pipelines and Facilities Design, Material Engineering, Preparation of Bid documents for procurement under ADB financed Projects, for Pipeline Construction and Turn-key Contracts, Bid evaluation thereof, Flow Control and Measurement, Natural Gas Plant Erection, Testing and Commissioning, System Operation and Maintenance, Load Management, Vigilance Activities and Liaison with different Government/ Semi-Government/ Private organizations and Donor Agencies. He has successful track record of implementing 2(two) ADB & GOB-Financed Projects, namely, "System Loss Reduction of TGTDCL" and "Supply Efficiency Improvement of TGTDCL" as Project Director for more than 5 years and "Greater Titas Franchise Area Gas Distribution Project (Phase-4)", a Company-Financed Project of TGTDCL as Project Manager for more than 3 years. He was involved in preparation of "Gas Sector Master Plan", as a member of the Steering Committee formed by the Government of the People's Republic of Bangladesh. He was also a member of the study team responsible for conducting "Techno-economic Feasibility Study for supply of Natural Gas to the western region of Bangladesh".

Md Shamsul Alam Managing Director

shamsul@ztenco.com shamsul.ztenco@gmail.com

+880 1734 206400



Mr. Md Shamsul Alam is graduated in Mechanical Engineering from Bangladesh University of Engineering and Technology (BUET) and has more than 33 years of power generation and industrial experience. He has completed many feasibility study and pre-feasibility study projects as a Team Leader/ Deputy Team Leader/ Project Coordinator, which includes the Payra 1320MW Coal Fired Power Plant Project of NWPGCL, Sirajganj 225 MW Dual Fuel Combined Cycle Power Plant (2nd Unit) of NWPGCL, Madhumati 108 MW HFO Based Power Plant of NWPGCL, proposed Munshiganj 600-800 MW Coal Fired Power Plant of EGCB and Jolshiri Abashon Project of Army Housing (Township Project). He has conducted Owner's Engineering or Construction Supervision Services for Madhumati 100 MW HFO Based Power Plant, Ghorashal 365 MW Combined Cycle Power Plant (CCPP), Balloki 225 MW CCPP (in Pakistan), Konaseema 450 MW CCPP (in India) and Kerawalapitiya 300 MW HFO Fired CCPP (in Sri Lanka), Mymensingh 60 MW Gas Turbine Based Power Plant. He has also worked in maintenance of power plants, such as Haripur 360 MW CCPP and Meghnaghat 450 MW CCPP. He has worked as Lender's Independent Engineer for many HFO Gas Fired engine based and a combined cycle power plant.

WHAT ZTENCO DOES!!!















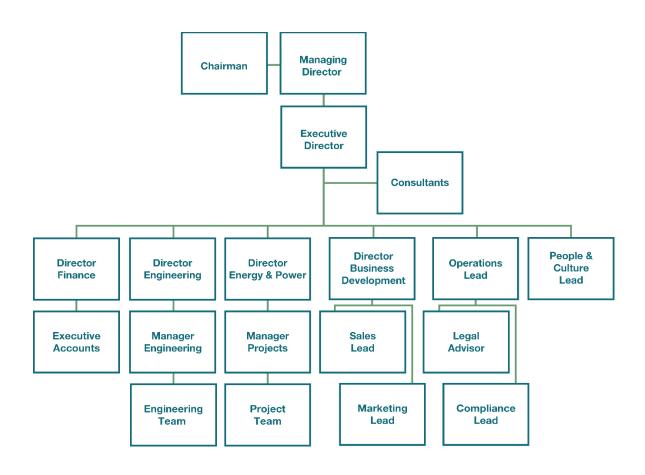
ZTENCO specializes providing the Engineering Consultancy and Construction Services related to the Owner's Engineering or Project Management Consultancy, Technical and Financial Feasibility Study, Technical Due Diligence, Energy Audit, Water Audit, Carbon Audit, EE&C Plan, Energy Management, Environmental Study (IEE, EIA, SIA, ESMP, DIA, RAP, LAP, etc.), Grid Impact Study, System Analysis, Automation Engineering, Green Energy and Sustainability, Renewable Energy Solutions, Electrical, Fire & Structural Safety Assessment, Third Party Inspection, MEP Design and Supervision, Supply and Installation, EPC Services, etc.

ZTENCO also associates with International Consulting Firms, Manufacturers, Suppliers, Distributors, Trading Houses, and Selling Agents to provide complete solutions according to the Client's requirement.



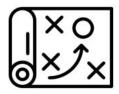


ZTENCO LIMITED STRUCTURE !!!





ZTENCO LIMITED STRATEGY !!!









ZTENCO LIMITED, upon being awarded a contract, organizes and set up an effective management and supervision team that is structured specifically for each project. The project team will be drawn from the technical and management resources within ZTENCO professionals to provide personnel with the necessary skills required for each stage of the project. The team will produce a strategy for the contract and identify the critical success for the project.





ZTENCO LIMITED PROJECT LIST !!!

A. Owner's Engineering Services or Project Management Consultancy:

Project	Duration	Location	Client	Scope of Services
Owner's Engineer Services for Madhumati 100MW HFO Based Power Plant Project (including 132kV Single Circuit Transmission Line)	February 2018 – May 2019	Mollahat, Bagerhat, Bangladesh	North-West Power Generation Company Limited (NWPGCL)	Review Design and EPC Contract Document, Project Administration, Quality Assurance Management, Construction Supervision and Management, Work Planning and Schedule Control, Commissioning, Witness Completion and Guarantee Performance Test, etc.
Owner's Engineering Services for Teesta 200 MW AC Solar PV Project	October 2021 – April 2023	Gaibandha, Bangladesh	Beximco Power Company Limited [ZTENCO worked as Sub- Consultant of Tractebel Engineering Private Limited]	Construction Supervision including QA & QC of civil works for 37km Transmission Line and Solar Power Plant Site Construction including embankment.
Owner's Engineer of Sirajganj 68 MW Solar Park Project	October 2022 – July 2024	Sirajganj, Bangladesh	Bangladesh - China Renewable Energy Company (Pvt.) Limited (BCRECL)	Review Design and EPC Contract Document, Project Administration, Quality Assurance Management, Construction Supervision and Management, Work Planning and Schedule Control, Commissioning, Witness Completion and Guarantee Performance Test, etc.
Consultancy Services for Design and Supervision of Power Network and Gas Network for Bangabandhu Sheikh Mujib Shilpa Nagar (BSMSN) Development Project, BEZA	June 2023 – January 2024	Mirsarai, Chattagram	BEZA under Bangladesh Private Investment & Digital Entrepreneurship Project (PRIDE); [ZTENCO is the Sub-Consultant of CHEIL – YOOSHIN – EPC JV]	Design and Supervision of the Power Network and Gas Network of the BSMSN Development Project, BEZA, in accordance with the project requirements.



Owner's Engineer of Pabna 60 MW Solar Park Project	January 2024 – Ongoing	Pabna, Bangladesh	Bangladesh - China Renewable Energy Company (Pvt.) Limited (BCRECL)	Review Design and EPC Contract Document, Project Administration, Quality Assurance Management, Construction Supervision and Management, Work Planning and Schedule Control, Commissioning, Witness Completion and Guarantee Performance Test, etc.
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B. Feasibility Study & Technical Due Diligence:

Project	Duration	Location	Client	Scope of Services
Consultancy Services for Pre-Feasibility and Feasibility Study of Madhumati 100MW HFO Based Power Plant Project	August 2017 – November 2017	Mollahat, Bagerhat, Bangladesh	North-West Power Generation Company Limited (NWPGCL)	Detail Feasibility Study, Site Evaluation, HFO Sourcing and Transportation, Power Evacuation, Technology, Financial Analysis, etc.
Technical and Financial Feasibility Study; Design and Drawings of Electrical Distribution Network; Design and Drawings of Gas Transmission Network - of Jolshiri Abashon Project	August 2018 – December 2020	Narayanganj, Bangladesh	Shanghai Huadu Architecture & Urban Design Co., Ltd. (HDD Group), China under Jolshiri Abashon Project Authority	Preparation of Technical and Financial Feasibility Study Report; Preparation of Detailed Design & Drawings, BOQ and Technical Specifications for Electrical Distribution System Network and Gas Transmission System Network of Jolshiri Abashon Project.
Project Profile and Feasibility Study of a 5 MW Biomass Power Plant Project	June 2022 – September 2022	Ratanpur Mouza, Pabna Sadar Upazila, Pabna, Bangladesh	MA Green Energy Limited	Detail Feasibility Study, Site Evaluation, Biomass Sourcing and Transportation, Power Evacuation, Technology, Financial Analysis, etc.
Load Factor Analysis Consultant for 660MW Combined Cycle Gas Turbine Power Plant in Bangladesh	May 2023 – August 2023	Gazaria, Bangladesh	Powertek Energy Sdn Bhd	Desktop study to identify the expected year wise Load Factor and Merit Order of Gazaria 660MW CCGT Power Plant from 2026 to 2035 in Bangladesh



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Feasibility Study for Electrical Interconnection Facility (EIF) and Gas Transportation Facility (GTF)	January 2023 – October 2023	Gazaria, Munshiganj, Dhaka, Bangladesh	Adroit Environment Consultants Ltd. [ZTENCO worked as Subconsultant of Adroit Environment Consultants Limited]	The objective of this study is to analyze the necessity and feasibility of the project and examine the following items: Project cost, Implementation plan, Procurement package, Technical and engineering analysis, Alternative or Option analysis, Financial and Economic Analysis, Environmental and social impact, Feasibility of EIF and GTF and Preparation of Reports.
In-depth Monitoring of the "Construction of Narshingdi District Jail" Project. (Package: SR-25)	February 2023 – June 2023	Narshingdi, Bangladesh	Implementation Monitoring and Evaluation Division (IMED), Ministry of Planning	In-depth monitoring of procurement, quality of work, project delay (if any), increase of project cost, project risk, preparation of SWOT analysis, field level visit and survey, reporting, etc.
Consultancy Services as Consultant (Energy) for Preparation of Mithamoin and Atpara Upazila (Package No.: UTMIDP/UMPP-1) Master Plan under "Upazila Town (Non-Municipal) Master Plan Preparation and Basic Infrastructure Development Project (UTMIDP)", LGED.	November 2023 - Ongoing	Mithamoin, Kishoreganj & Atpara, Netrokona, Bangladesh	Local Government Engineering Department (LGED), Bangladesh [ZTENCO is the Sub-consultant of Sheltech Consultants (Pvt.) Ltd.]	Prepare energy inventory, prepare sustainable energy management plan, suggest/design energy infrastructure, report preparation, etc.
Consultancy Services as Consultant (Energy) for Preparation of Monoharganj, Lalmai and Gowainghat Upazila (Package No.: UTMIDP/UMPP-2) Master Plan under "Upazila Town (Non-	November 2023 - Ongoing	Monoharganj, Comilla; Lalmai, Comilla; & Gowainghat, Sylhet, Bangladesh	Local Government Engineering Department (LGED), Bangladesh [ZTENCO is the Sub-Consultant of Sheltech	Prepare energy inventory, prepare sustainable energy management plan, suggest/design energy infrastructure, report preparation, etc.



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Municipal) Master Plan Preparation and Basic Infrastructure Development Project (UTMIDP)", LGED.			Consultants (Pvt.) Ltd.]	
In-depth Monitoring of the "Construction of 34 nos. Buffer Godown at Different Places of the Country for Facilitating Fertilizer Reservation and Distribution (1st Revised)" Project. (Package No.SR-27)	December 2023 – June 2024	Bangladesh	Implementation Monitoring and Evaluation Division (IMED), Ministry of Planning	In-depth monitoring of procurement, quality of work, project delay (if any), increase of project cost, project risk, preparation of SWOT analysis, field level visit and survey, reporting, etc.
In-depth Monitoring of the "Development of Bhola (Parantalukdarhat)- Charfashan (Charmanika) Regional Highway" project	December 2023 – June 2024	Bhola, Bangladesh	Implementation Monitoring and Evaluation Division (IMED), Ministry of Planning	In-depth monitoring of procurement, quality of work, project delay (if any), increase of project cost, project risk, preparation of SWOT analysis, field level visit and survey, reporting, etc.
Detail Technical & Financial Feasibility Study (Part B) for Enhancement and Strengthening of Power Distribution System of Cumilla and Mymensingh Zone, BPDB	June 2024 – Ongoing	Cumilla & Mymensingh, Bangladesh	Bangladesh Power Development Board (BPDB) [ZTENCO is the Sub-Consultant of Infrastructure Investment Facilitation Company (IIFC), Bangladesh]	Conduct a detail feasibility study to identify and justify the future demand of electricity, modern & sustainable electricity distribution network for BPDB's Distribution Central Zone of Mymensingh and Cumilla. It included capacity assessment of existing and determination of new of 33/11kV substations and of 33kV, 11kV, 11/0.4kV and 0.4kV lines and 11/0.4kV distribution transformers in the project area.
Consultancy Services as Consultant (Energy) of "Review & Update of Nawabganj Upazila (Package No.:	November 2024 - Ongoing	Nababganj, Dhaka, Bangladesh	Local Government Engineering Department (LGED), Bangladesh	Prepare energy inventory, prepare sustainable energy management plan, suggest/design energy



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UTMIDP/UMPR-2) Development Plan (Master Plan) under "Upazila Town (Non- Municipal) Master Plan Preparation and Basic Infrastructure Development Project (UTMIDP)", LGED			[ZTENCO is the Sub-consultant of Sheltech Consultants (Pvt.) Ltd.]	infrastructure, report preparation, etc.
In-depth Monitoring of "Upgradation of Kushtia (Trimohani)-Meherpur-Chuadanga-Jhenaidah (R-745) Regional Highway from Kushtia to Meherpur to proper standard and width (1st Revised)" project.	November 2024 – June 2025	Kustiya, bangladesh	Implementation Monitoring and Evaluation Division (IMED), Ministry of Planning	In-depth monitoring of procurement, quality of work, project delay (if any), increase of project cost, project risk, preparation of SWOT analysis, field level visit and survey, reporting, etc.
In-depth Monitoring of the Construction of Commercial Building near KDA Market (1st Revised) (Package No. SR-43)	November 2024 – June 2025	Khulna, bangladesh	Implementation Monitoring and Evaluation Division (IMED), Ministry of Planning	In-depth monitoring of procurement, quality of work, project delay (if any), increase of project cost, project risk, preparation of SWOT analysis, field level visit and survey, reporting, etc.

C. Grid Impact Study:

Project	Duration	Location	Client	Scope of Services
Grid Interconnections Study for proposed 1200MW RLNG Based Combined Cycle Power Plant Project as IPP.	February 2019 – March 2020 (Intermittent)	Magnama, Cox's Bazar, Bangladesh	Consortium of PT Pertamina Power Indonesia, Marubeni Corporation and Intraco CNG Limited	Load flow study at different scenarios, Short Circuit Study, Dynamic power system model building of the proposed power plant including all power plant connected to Matarbari/ Magnama Power Hub, Plant performance under different contingencies, etc.
Grid Interconnection Study of Patuakhali 1320MW Coal	July 2019 – October 2020 (Intermittent)	Patuakhali, Bangladesh	RPCL-NORINCO Intl Power Limited	Load flow study at different scenarios, Short Circuit Study, Dynamic power system model building of



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Based Power Plant Project of RNPL				the proposed power plant including all power plant connected to Patuakhali Power Generation Hub.
Grid Study for the proposed 50MW Solar Power Plant Project of Scatec Solar ASA, Norway	May 2020 – July 2020	Nilphamari, Bangladesh	Scatec Solar ASA, Norway [ZTENCO worked as Sub- Consultant of AFRY Switzerland Limited]	Task 1: Preliminary load flow analysis (Grid Load Flow Study / Steady State Analysis); Task 2: Detailed Design Analysis (Data Collection and Network Modelling; PV Facility Load Flow Study / Steady State Analysis; Power Factor Analysis / Reactive Power Capability; Short Circuit Study; Insulation coordination study; Dynamic Stability Analysis; Harmonic Analysis; Long Term Flicker Analysis; Task 3: Grid Code Compliance Electrical Study; Task 4: Grid Code Compliance Testing.
Grid Impact Study for Cox's Bazar 60MW Wind Power Plant Project	September 2022 – May 2023	Cox's Bazar, Bangladesh	US-DK Green Energy (BD) Limited	Steady State Analysis: Load flow study Short circuit study Contingency study Reactive power compensation Dynamic Analyses: Transient stability Fault ride-through control Active power curtailment Low voltage ride through Frequency response Power Quality Analysis: Harmonics analysis at POI
Grid Impact Study for Sirajganj 68MW Solar Park Project of Bangladesh China Renewable Energy Company (Pvt.) Limited (BCRECL)	July 2023 – May 2024	Sirajganj, Bangladesh	ParyOcean (Asia Pacific) International Co., Ltd. [EPC Contractor of the Project]	A Detailed Grid Impact Study including Voltage Control, Frequency Control, Reactive Power Compensation, Harmonic Compensation, Fault Ride- Through Control, Active Power Curtailment, Short Circuit Study, etc. complying with National Electricity Grid



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				Code, PPA and IA requirements.
Grid Impact Study for Pabna 60MW Solar Park Project of Bangladesh China Renewable Energy Company (Pvt.) Limited (BCRECL)	December 2024 – July 2025	Pabna, Bangladesh	ParyOcean (Asia Pacific) International Co., Ltd. [EPC Contractor of the Project]	Technical Services of System Study for Grid Integration of Pabna 60MW Solar Park Project as per the following Scope of Services: "A Detailed Grid Impact Study including Voltage Control, Frequency Control, Reactive Power Compensation, Harmonic Compensation, Fault RideThrough Control, Active Power Curtailment, Short Circuit Study, etc. complying with Electricity Grid Code, PPA And IA Requirements."

D. Green Energy and Sustainability:

Project	Duration	Location	Client	Scope of Services
Technical and Financial Due Diligence for 576kW, 224kW, 324kW Rooftop Solar Power Plants respectively at Raz Cold Storage, Zayeda Cold Storage and Sarkar Cold Storage of Sarkar Group	March 2023 – August 2023	Rajshahi, Bangladesh	Sarkar Group, Rajshahi	Technical and Financial Due Diligence for 576kW, 224kW, 324kW Rooftop Solar Power Plants, Site Assessment, Technical Analysis, PVSyst Anasysis, Financial Modeling, Feasibility Study Report Preparation.
Preparation of Project Profile for Sarkar Brick & Block	October 2023 – November 2023	Rajshahi, Bangladesh	Sarkar Group, Rajshahi	Preparation of Project profile, review of Technical and Financial Aspects, SWOT analysis, etc.
Site Assessment for Renewable Power Plants	November 2022 – January 2023	Pahartoli, Chittagong	Abul Khair Steel Melting Limited	Assess the rooftop areas, available land area and waterbody (almost 55acres) for Solar PV Power Plants. Shadow Analysis on the rooftop, reservoirs of



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				dam area, inclined hill area, other empty areas Analyze the biodiversity for floating solar power plant at dam area Estimation of installed capacity of renewable power plants Study the existing electrical systems of the plant, etc.
Technical Due Diligence on Solar project portfolio in Bangladesh	January 2024 – April 2024	Bangladesh	AFRY (Thailand) Ltd.	Site Visit and Site Assessment, Grid Curtailment Review, Review of Permits and Approvals, Review of Environmental and Social Appraisal, etc.
Technical Due Diligence on Solar C&I Rooftop Project Portfolio	January 2024 – April 2024	Bangladesh	AFRY SINGAPORE PTE. LTD	Site Visit and Site Assessment, Grid Curtailment Review, Review of Permits and Approvals, Project Company's Capacity Assessment, etc.

E. Environmental Study:

Project	Duration	Location	Client	Scope of Services
Environmental Impact Assessment at Emon Fashion Limited	April 2022 – May 2022	Joydebpur, Gazipur Sadar, Gazipur- 1700	Emon Fashion Limited	Preparation of Environmental Impact Assessment Report
Environmental Impact Assessment at Masco Exports Limited	May 2022 – June 2022	Baghata, Palbari, Narsingdi	Masco Exports Limited	Preparation of Environmental Impact Assessment Report
Environmental Impact Assessment and Hazard Identification and Risk Assessment at Tarasima Apparels Limited	July 2022 – September 2022	Saturia, Manikganj	Bitopi Group	Preparation of Environmental Impact Assessment Report and Hazard Identification and Risk Assessment Report



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Environmental Impact Assessment and Hazard Identification and Risk Assessment at Cutting Edge Industries Limited	August 2022 – September 2022	Sourh Shalna, Shalna Bazar, Gazipur	MBM Group	Preparation of Environmental Impact Assessment Report and Hazard Identification and Risk Assessment Report
Environmental Impact Assessment and Hazard Identification and Risk Assessment at APS Apparels (Dyeing Unit) Ltd.	August 2022 - November 2022	Kamargaon, Pubail Road, Gazipur, Bangladesh	APS Group	Preparation of Environmental Impact Assessment Report and Hazard Identification and Risk Assessment Report
Environmental Impact Assessment and Hazard Identification and Risk Assessment at Scandex Textile Industries Limited	February 2023 – April 2023	Kaliakoir, Gazipur, Bangladesh	Panam Group	Preparation of Environmental Impact Assessment Report and Hazard Identification and Risk Assessment Report
Environmental Impact Assessment at Denitex Ltd.	March 2023 – May 2023	Karnapara, Savar, Dhaka	Denitex Ltd., Armana Group	Preparation of Environmental Impact Assessment Report

F. Energy Audit:

Project	Duration	Location	Client	Scope of Services
Investment Grade Energy Audit at Dekko Ready wears Limited	May 2017 – June 2017	Mirpur, Dhaka	Dekko Group	Preparation of Comprehensive and Investment Grade Energy Audit Report.
Energy Efficiency Audit at Rahman Chemicals Limited	June 2017 – July 2017	Narayanganj, Dhaka	Rahman Chemicals Limited	Preparation of Investment Grade Energy Audit Report for Gas Fired Boiler and Generator.
Energy Efficiency Audit at Charu Ceramic Industries Limited	August 2017 – September 2017	Habiganj, Sylhet	Charu Ceramic Industries Limited	Preparation of Investment Grade Energy Audit Report for Gas Fired Boiler and Generator.



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Energy Efficiency Audit at SARZAN Textile Mills Limited	September 2017	Shyampur, Dhaka	SARZAN Textile Mills Limited	Preparation of Investment Grade Energy Audit Report for the Gas Fired Boiler and Stenter Machines
Investment Grade Energy Audit at Globus Garments Limited	September 2017 – October 2017	Mouchak, Gazipur, Dhaka	Dekko Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Agami Fashions Limited and Agami Washing Limited	November 2017 – December 2017	Chandra, Kaliakoir, Gazipur, Dhaka	Dekko Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Dekko Design Limited and Dekko Washing Limited	December 2018 – January 2019	Ashulia, Dhaka	Dekko Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Cotton Clothing (BD) Limited	December 2018 – January 2019	Gazipura, Tongi, Gazipur	Mondol Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Apparel Promoters Limited	April 2019 – May 2019	Nasirabad, Chattogram	Apparel Promoters Limited	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Radiance Knitwears Limited	August 2019 - September 2019	Ashulia, Dhaka	Radiance Knitwears Limited	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Smart Jacket (BD) Limited & Shehan Specialized Textile Mills Limited	November 2019 – December 2019	Chittagong	Smart Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at APS Holdings Limited	January 2020	Kadda, Gazipur	APS Group	Preparation of Comprehensive and Investment Grade Energy Audit Report



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Investment Grade Energy Audit at Active Composite Mills Limited	June 2020 – July 2020	Ashulia, Savar, Dhaka	Rising Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Odessa Fashion Limited and Odessa Fashion Limited (Unit-2)	December 2020 – February 2021	Naljani, Joydevpur, Gazipur	Odessa Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Meditex Industries Limited and Meditex Knitwear Limited	December 2020 – February 2021	Kashimpur Road, Konabari, Gazipur	Meditex Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Space Sweater Limited	December 2020 – February 2021	Gazipur	Space Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Titas Sweater Industries Limited and Titas Sweater (Knitting Unit)	December 2020 – February 2021	Kashimpur Road, Konabari, Gazipur	Titas Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Technical Assessment on Improvement of Production Line Efficiency by Installing Automatic Data Processing Devices (ADPD) at Snowtex Outerwear Limited	February 2022-April 2022	Lakuriapara, Dhulivita, Dhamrai, Dhaka-1350	Snowtex Outerwear Limited	Preparation of Technical Report on Improvement of Production Line Efficiency by Installing Automatic Data Processing Devices (ADPD)
Green Supplier Programme: Energy Efficiency Assessment and Improvement Recommendations for IFS Texwear (Pvt.) Limited	February 2022 – July 2022	Kutubpur, Fatullah, Narayanganj	Kik Textilien and Non- Food Gmbh, Germany and Part of the Solution, Germany	Preparation of Comprehensive and Investment Grade Energy Audit Report



Green Supplier Pebruary 2022 – July 2022 Assessment and Improvement Recommendations for Seasons Dresses Limited Green Supplier Programme: 2022 – July 2022 Green Supplier Programme: 2022 – July 2022 Assessment and Improvement Recommendations for May'S Garments Limited Green Supplier Programme: 2022 – July 2022 Assessment and Improvement Recommendations for May'S Garments Limited Green Supplier Programme: Energy Efficiency Assessment and Improvement Recommendations for May'S Garments Limited Green Supplier Programme: Energy Efficiency Assessment and Improvement Recommendations for May'S Garments Limited Green Supplier Programme: Energy Efficiency Assessment and Improvement Recommendations for Amena (Pvt) Limited Green Supplier Programme: Energy Efficiency Assessment at Emon Fashion Ltd. Fenergy Efficiency Assessment at Emon Fashion Ltd. Fenergy Efficiency Assessment at Emon Fashion Ltd. Fenergy Efficiency Assessment at Emon Fashion Ltd. Energy Efficiency Assessment at Pacific Blue (Jeans Wear) Ltd. Fenergy Efficiency August Saturia, Manikganj Bitopi Group Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement for Dyeing and Finishing Operations at Factory for Bangladesh Bank's Green Transformation Fund. Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing machines for Bangladesh Bank's SREUP Fund. Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing machines for Bangladesh Bank's SREUP Fund. Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing machines for Bangladesh Bank's SREUP Fund.					ZIENCO
Programme: Energy Efficiency Assessment and Improvement Recommendations for Mayc's Garments Limited Green Supplier Programme: Energy Efficiency Assessment and Improvement Recommendations for Mayc's Garments Limited Green Supplier Programme: Energy Efficiency Assessment and Improvement Recommendations for Amena (Pvt) Limited Energy Efficiency Assessment at Emon Fashion Ltd. Energy Efficiency Assessment at Pacific Blue (Jeans Wear) Ltd. Energy Efficiency August Sadur, Gazipur Sadio Colony bus stand, Dhaka - Aricha Highway Energy Efficiency and Process Improvement for Dyeing and Finishing Operations at Factory for Bangladesh Bank's Green Transformation Fund. Preparation of Energy Efficiency and Process Improvement for Dyeing and Finishing Operations at Factory for Bangladesh Bank's Green Transformation Fund. Energy Efficiency August Saturia, Manikganj Bitopi Group Preparation of Comprehensive and Investment Grade Energy Audit Report Comprehensive Energy Audit Report Preparation of Comprehensive Energy Audit Report Comprehensive Energy Audit Report Comprehensive Energy Audit Report Comprehensive Energy Audit Report Energy Audit Report Comprehensive Energy Audit Report Energy Audit Report Comprehensive Energy Audit Report Comprehensive Energy Audit Report Energy Audit Report Fashion Limited Energy Audit Report Comprehensive Energy Audit Report Compr	Programme: Energy Efficiency Assessment and Improvement Recommendations for Seasons	2022 – ´	Tongi, Gazipur	and Non- Food Gmbh, Germany and Part of the Solution,	Comprehensive and Investment Grade
Programme: Energy Efficiency Assessment and Improvement Recommendations for Amena (Pvt) Limited Energy Efficiency Assessment at Emon Fashion Ltd. June 2022 Joydebpur, Gazipur Assessment at Emon Fashion Ltd. Energy Efficiency Assessment at Pacific Blue (Jeans Wear) Ltd. Energy Efficiency August Sadar, Gazipur Sadar, Gazipur Sadar, Gazipur Sadar, Gazipur Fashion Limited Emon Fashion Limited Emon Freparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing machines for Bangladesh Bank's SREUP Fund. Energy Efficiency August Saturia, Manikganj Bitopi Group Preparation of Energy Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing machines for Bangladesh Bank's SREUP Fund.	Programme: Energy Efficiency Assessment and Improvement Recommendations for Mayc's	2022 – ´	Mirpur, Dhaka	and Non- Food Gmbh, Germany and Part of the Solution,	Comprehensive and Investment Grade
Assessment at Emon Fashion Ltd. Sadar, Gazipur Fashion Limited Report for Resource and Energy Efficiency and Process Improvement for Dyeing and Finishing Operations at Factory for Bangladesh Bank's Green Transformation Fund. Energy Efficiency Assessment at Pacific Blue (Jeans Wear) Ltd. Al-Muslim Group Freparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency Assessment Report for Resource and Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing machines for Bangladesh Bank's SREUP Fund. Energy Efficiency August Saturia, Manikganj Bitopi Group Preparation of Energy	Programme: Energy Efficiency Assessment and Improvement Recommendations for Amena (Pvt)	2022 – ´	Uttara, Dhaka	and Non- Food Gmbh, Germany and Part of the Solution,	Comprehensive and Investment Grade
Assessment at Pacific Blue (Jeans Wear) Ltd. Assessment Highway Stand, Dhaka - Aricha Group Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing machines for Bangladesh Bank's SREUP Fund. Energy Efficiency August Saturia, Manikganj Bitopi Group Preparation of Energy	Assessment at Emon Fashion	June 2022		Fashion	Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement for Dyeing and Finishing Operations at Factory for Bangladesh Bank's Green Transformation
	Assessment at Pacific Blue	June 2022	stand, Dhaka - Aricha		Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing machines for Bangladesh Bank's
	Energy Efficiency	_	Saturia, Manikganj	Bitopi Group	



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at Tarasima Apparels Limited	September 2022			Report for Resource and Energy Efficiency and Process Improvement of (Sewing, Cutting, Washing) machines, Thermo oil heater boiler for Bangladesh Bank's Green Transformation Fund.
Energy Efficiency Assessment for at Remi Holdings Limited.	September 2022- December 2022	Narayanganj EPZ	Bitopi Group	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of (Sewing, Press, washing, Cutting, CAD) machines for Bangladesh Bank's Green Transformation Fund.
Energy Efficiency Assessment for at Baridhi Apparels Limited.	September 2022- December- 2022	Cumilla EPZ	Bitopi Group	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing & Cutting machines, Air Compressor, ironing table, conveyor needle detector and fabric relaxing machines, Thermo oil heater boiler for Bangladesh Bank's Green Transformation Fund.
Energy Efficiency Assessment at Echoknits Ltd.	January 2023- February 2023	Kaliakoir, Gazipur	Echoknits Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Computerized Flat Knitting Machines for Bangladesh Bank's SREUP Fund.



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Energy Efficiency Assessment at Denitex Ltd	March 2023 – May 2023	Karnapara, Savar, Dhaka	Denitex Ltd., Armana Group	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Jhute Bolier for Bangladesh Bank's SREUP Fund.
Energy Efficiency Assessment at Green Smart Shirts Ltd.`	April 2023 – May 2023	Tepirbari, Mawna, Shreepur, Gazipur	Green Smart Shirt Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Jhute Bolier and Air Compressor for Bangladesh Bank's SREUP Fund.
Energy Efficiency Assessment at Global Labels (Bangladesh) Ltd.	February 2023 – March 2023	DEPZ Gankabari, Ashulia, Savar, Dhaka- 1349, Bangladesh	Global Labels (Bangladesh) Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Weaving Machinies for Bangladesh Bank's Green Transformation Fund.
Energy Efficiency Assessment at Al-Muslim Washing Ltd.	August 2023 – September 2023	Ulai, Savar, Dhaka	Al-Muslim Group	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Washing Machinies for Bangladesh Bank's Green Transformation Fund.
Energy Efficiency Assessment at Nice spinning Mills Ltd.	July 2023 – August 2023	Mawna, Gazipur	Nice spinning Mills Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Spinning Machinies, Gas generators, Air compressors for



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				Bangladesh Bank's Green Transformation Fund.
Energy Efficiency Assessment at Formula 1 Spinning Ltd.	September 2023 - October 2023	Sreepur, Gazipur	Formula 1 Spinning Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Spinning Machinies, Gas generators, Air compressors for Bangladesh Bank's Green Transformation Fund.
Energy Efficiency Assessment for the 425.7kWp Rooftop PV Solar Power Plant at Ananta Garments Ltd.	September 2023 - October 2023	Ashulia DEPZ Road, Savar, Dhaka	Ananta Companies	Preparation of Energy Efficiency Assessment Report for the 425.7kWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment at Echotex Ltd.	September 2023 to October 2023	Chandra Polli Biddut, Kaliakoir, Gazipur-1751, Bangladesh	Echotex Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Dyeing & Knitting machines, Diesel Generators, Cargo Lifts for Bangladesh Bank's Green Transformation Fund.
Energy Efficiency Assessment for Baraka Patenga Power Ltd.	December 2023 to January 2024	South Patenga, Chittagong	Baraka Patenga Power Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of HFO fired power plant's equipment's for Bangladesh Bank's Technology Development Fund.
Energy Efficiency Assessment for	December 2023 to	Zirani, Kashimpur,	DBL Group	Preparation of Energy Efficiency Assessment



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Color City Ltd (DBL Group)	January 2024	Gazipur		Report for Resource and Energy Efficiency and Process Improvement of Dyeing, Winding, Thermal Heater for Bangladesh Bank's Technology Development Fund.
Energy Efficiency Assessment for Flamingo Fashion Ltd (DBL Group)	December 2023 to January 2024	Sardagonj, Kashimpur, Gazipur	DBL Group	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing, Cutting & Knitting machines for Bangladesh Bank's Technology Development Fund.
Energy Efficiency Assessment for Ananta Garments Ltd.	December 2023 to January 2024	Nishchintapur, Ashulia, DEPZ Road, Savar, Dhaka-1341 Bangladesh	Ananta Companies	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Knitting machines, Diesel Generators, for Bangladesh Bank's Green Transformation Fund.
Energy Efficiency Assessment for Ananta Jeanswear Ltd.	December 2023 to January 2024	277/2, Kabi Jashim Uddin Road, Pagar, Tongi, Gazipur, Bangladesh	Ananta Companies	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing, Cutting machines, for Bangladesh Bank's SREUP Fund.
Energy Efficiency Assessment for the 334.02kWp Rooftop PV Solar Power for Ananta Jeanswear Ltd.	December 2023 to January 2024	277/2, Kabi Jashim Uddin Road, Pagar, Tongi, Gazipur, Bangladesh	Ananta Companies	Preparation of Energy Efficiency Assessment Report for the 334.02 KWp Rooftop PV Solar Power Plant for SREUP Fund.



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Energy Efficiency Assessment for the 1.20MWp Rooftop PV Solar Power at Echotex Ltd.	January 2024 to March 2024	Chandra Polli Biddut, Kaliakoir, Gazipur-1751, Bangladesh	Echotex Group	Preparation of Energy Efficiency Assessment Report for the 1.20M Wp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment for Kazi Polymer Ltd.	January 2024 to March 2024	Pakutia, Ghatail, Tangail, Bangladesh	Kazi Group	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Winding, Circular Loom machines for Bangladesh Bank's Technology Development Fund.
Energy Efficiency Assessment for the 1686.09kWp Rooftop PV Solar Power of Fakir Fashion Ltd.	March 2024 to April 2024	Dohargaon, Baliapara, Rupganj, Narayanganj, Bangladesh.	Fakir Fashion Ltd.	Preparation of Energy Efficiency Assessment Report for the 1686.09 KWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment for Pacific Blue Jeanswear Ltd.	May 2024 to June 2024	14, Gedda, Ulail, Savar, Dhaka-1340	Al Muslim Group	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Sewing machines for Bangladesh Bank's SREUP Fund.
Energy Efficiency Assessment for the 123.715kWp Rooftop PV Solar Power of Knit Asia Ltd Unit 1	May 2024 to June 2024	Buripara, Yearpur, Ashulia, Dhaka	Knit Asia Ltd.	Preparation of Energy Efficiency Assessment Report for the 123.715kWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment for the 559.170kWp Rooftop PV Solar Power of Knit Asia Ltd Unit-2	May 2024 to June 2024	Ratanpur, Shafipur, Kaliakoir, Gazipur.	Knit Asia Ltd.	Preparation of Energy Efficiency Assessment Report for the 559.170kWp Rooftop PV Solar Power Plant for SREUP Fund.



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Energy Efficiency Assessment of Square Textiles PLC	June 2024 to ongoing	Habiganj, Sylhet, Bangladesh	Square Group	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Textile equipments for Bangladesh Bank's Technology Development Fund.
Energy Efficiency Assessment for the 1147.41kWp Rooftop PV Solar Power Plant at Habitus Fashion Ltd.	May 2024 to June 2024	Gajaria Para, Bhawal Mirzapur, Gazipur Sadar, Gazipur, Bangladesh	Fortis Group	Preparation of Energy Efficiency Assessment Report for the 1147.41kWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment for the 1,582.32 KWp Rooftop PV Solar Power Plant at Sharmin Apparels Ltd.	June 2024 to August 2024	Narashinghapur, Ashulia, Savar, Bangladesh	Sharmin Group	Preparation of Energy Efficiency Assessment Report for the 1,582.32 KWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment of Echoknits Ltd.	June 2024 to August 2024	A-99/1, Baktarpur, Kaliakoir, Gazipur.	Echoknits Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Computerized Flat Knitting Machines for Bangladesh Bank's SREUP Fund.
Energy Efficiency Assessment of Tusuka Processing Ltd.	August 2024 to October 2024	Konabari, Neel Nagar, Gazipur, Bangladesh.	Tusuka Processing Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Gas Generator for Bangladesh Bank's SREUP Fund.
Energy Efficiency Assessment for the 1,123.40 KWp Rooftop PV Solar	August 2024 to October 2024	232-233, East Narashinghpur, Ashulia, Savar,	Ha-Meem Group	Preparation of Energy Efficiency Assessment Report for the 1,123.40 KWp Rooftop PV Solar



Power Plant at Artistic Design Ltd. Energy Efficiency Assessment for the 1,465.90 kWp Rooftop PV Solar Power Plant at Apparel Gallery Ltd. Energy Efficiency Assessment for the 2,654.375 kWp Rooftop PV Solar Power Plant at Creative Collections Ltd. Energy Efficiency Assessment for the 246.6 kWp Rooftop PV Solar Power Plant at Casual Garments Ltd. Energy Efficiency Assessment for the 2024 to October Rooftop PV Solar Power Plant at Casual Garments Ltd. Energy Efficiency Assessment for the 2024 to October Rooftop PV Solar Power Plant at Casual Garments Ltd. Energy Efficiency Assessment for the 2024 to October Rooftop PV Solar Power Plant at Casual Garments Ltd. Energy Efficiency Assessment for the 2024 to October Rooftop PV Solar Power Plant at Casual Garments Ltd. Energy Efficiency Assessment for the 2024 to October Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment for the 4425.625 kWp Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment for the 4425.625 kWp Rooftop PV Solar Power Plant at Hawkeen Design Ltd. Energy Efficiency Assessment for the 4425.625 kWp Rooftop PV Solar Power Plant at Hawkeen Design Ltd. Energy Efficiency Assessment for the 4425.625 kWp Rooftop PV Solar Power Plant at Hawkeen Design Ltd. Energy Efficiency Assessment for the 650.75 kWp Rooftop PV Solar Power Plant at Hawkeen Design Ltd. Energy Efficiency Assessment for the 650.75 kWp Rooftop PV Solar Power Plant at Hawkeen Design Ltd. Energy Efficiency Assessment for the 650.75 kWp Rooftop PV Solar Power Plant at Hawkeen Design Ltd. Energy Efficiency Assessment for the 650.75 kWp Rooftop PV Solar Power Plant at Hawkeen Design Ltd. Energy Efficiency Assessment for the 650.75 kWp Rooftop PV Solar Power Plant at Hawkeen Design Ltd. Energy Efficiency Assessment for the 650.75 kWp Rooftop PV Solar Power Plant at Hawkeen Design Ltd. Energy Efficiency Assessment for the 650.75 kWp Rooftop PV Solar Power Plant at Next Collections Ltd. Energy Efficiency Assessment for th				ZIENCO
Assessment for the 1,465.90 KWp Rooftop PV Solar Rooftop PV Solar Power Plant at Apparel Gallery Ltd. Energy Efficiency Assessment for the 2,654.375 KWp Rooftop PV Solar Power Plant at Creative Collections Ltd. Energy Efficiency Assessment for the 246.6 KWp Rooftop PV Solar Power Plant at Casual Garments Ltd. Energy Efficiency Assessment for the 246.6 KWp Rooftop PV Solar Power Plant at Casual Garments Ltd. Energy Efficiency Assessment for the 2024 to 705.55 KWp Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment for the 705.55 KWp Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment for the 4425.625 KWp Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment for the 706.505 KWp Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment for the 4425.625 KWp Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment for the 4425.625 KWp Rooftop PV Solar Power Plant at Hameem Design Ltd. Energy Efficiency Assessment for the 4425.625 KWp Rooftop PV Solar Power Plant at Hameem Design Ltd. Energy Efficiency Assessment for the 4425.625 KWp Rooftop PV Solar Power Plant at Hameem Design Ltd. Energy Efficiency Assessment for the 2024 to October Rooftop PV Solar Power Plant at Hameem Design Ltd. Energy Efficiency Assessment for the 2024 to October Rooftop PV Solar Power Plant at Hameem Design Ltd. Energy Efficiency Assessment for the 2024 to Design Ltd. Energy Efficiency Assessment for the 2024 to Design Ltd. Energy Efficiency Assessment for the 2024 to Design Ltd. Energy Efficiency Assessment Report for the 650.75 KWp Rooftop PV Solar Power Plant at Hameem Preparation of Energy Efficiency Assessment Report for the 650.75 KWp Rooftop PV Solar Power Plant for SREUP Fund. Energy Efficiency August 144, 147-148, East Ha-Meem Preparation of Energy Efficiency Assessment Prower Plant for SREUP Fund.				
Assessment for the 2,654.375 KWp October Rooftop PV Solar Power Plant at Creative Collections Ltd. Energy Efficiency Assessment Gorthe 246.6 KWp Rooftop PV Solar Power Plant at Casual Garments Ltd. Energy Efficiency Assessment For the 2024 to 705.55 KWp Rooftop PV Solar Power Plant at Casual Garments Ltd. Energy Efficiency Assessment for the 2024 to 705.55 KWp Rooftop PV Solar Power Plant at Casual Garments Ltd. Energy Efficiency Assessment For the 705.55 KWp Rooftop PV Solar Power Plant at Casual Garments Ltd. Energy Efficiency Assessment For the 705.55 KWp Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment For the 2024 to 705.55 KWp Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment For the 2024 to 705.55 KWp Rooftop PV Solar Power Plant at Power Plant for SREUP Fund. Energy Efficiency Assessment For the 2024 to 705.55 KWp Rooftop PV Solar Power Plant at Power Plant for SREUP Fund. Energy Efficiency Assessment For the 2024 to 705.55 KWp Rooftop PV Solar Power Plant at Power Plant A	Assessment for the 1,465.90 KWp Rooftop PV Solar Power Plant at Apparel Gallery	2024 to October	Narasinghpur, Ashulia, Savar, Dhaka-1341,	Efficiency Assessment Report for the 1,465.90 KWp Rooftop PV Solar Power Plant for SREUP
Assessment for the 246.6 KWp Rooftop October PV Solar Power 2024 1710, Bangladesh Plant at Casual Garments Ltd. Energy Efficiency Assessment for the 2024 to October Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment for the 2024 to October Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment for the 2024 to Gazipur, Bangladesh Explore PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment for the 4425.625 KWp Rooftop PV Solar Power Plant at Hamber Power Plant for SREUP Fund.	Assessment for the 2,654.375 KWp Rooftop PV Solar Power Plant at Creative Collections	2024 to October	Nagar, Tongi,	Efficiency Assessment Report for the 2,654.375 KWp Rooftop PV Solar Power Plant
Assessment for the 705.55 KWp October Rooftop PV Solar Power Plant at Explore Garments Ltd. Energy Efficiency Assessment Gazipur, Bangladesh Group Efficiency Assessment Report for the 705.55 KWp Rooftop PV Solar Power Plant for SREUP Fund. Energy Efficiency Assessment for the 4425.625 KWp October Rooftop PV Solar Power Plant at Ha-Meem Design Ltd. Energy Efficiency August Gazipur, Bangladesh Group Efficiency Assessment Report for the 4425.625 KWp Rooftop PV Solar Power Plant at Ha-Meem Design Ltd. Energy Efficiency August 1323, 1324, 1325, Beron, Ashulia PS, Group Efficiency Assessment Report for the 650.75 KWp Rooftop PV Solar Power Plant at	Assessment for the 246.6 KWp Rooftop PV Solar Power Plant at Casual	2024 to October	Uddin Road, Pagar, Tongi, Gazipur-	Efficiency Assessment Report for the 246.6KWp Rooftop PV Solar Power Plant for
Assessment for the 4425.625 KWp October Rooftop PV Solar Power Plant at Ha-Meem Design Ltd. Energy Efficiency Assessment 1323, 1324, 1325, Assessment for the 2024 to Gotober Dhaka-1341, Rooftop PV Solar Power Plant at Next Collections Ltd. Energy Efficiency August 1323, 1324, 1325, Bangladesh Group Fund. Energy Efficiency Assessment for SREUP Fund. Fund. Energy Efficiency Assessment Fund. Freparation of Energy Efficiency Assessment Report for the 650.75 KWp Rooftop PV Solar Power Plant at Power Plant at Next Collections Ltd. Energy Efficiency August 144, 147-148, East Ha-Meem Preparation of Energy	Assessment for the 705.55 KWp Rooftop PV Solar Power Plant at Explore Garments	2024 to October		Efficiency Assessment Report for the 705.55 KWp Rooftop PV Solar Power Plant for SREUP
Assessment for the 2024 to Beron, Ashulia PS, Group Efficiency Assessment 650.75 KWp October Dhaka-1341, Report for the 650.75 KWp Rooftop PV Solar Power Plant at Next Collections Ltd. Energy Efficiency August 144, 147-148, East Ha-Meem Preparation of Energy	Assessment for the 4425.625 KWp Rooftop PV Solar Power Plant at Ha-	2024 to October		Efficiency Assessment Report for the 4425.625 KWp Rooftop PV Solar Power Plant for SREUP
	Assessment for the 650.75 KWp Rooftop PV Solar Power Plant at Next Collections	2024 to October	Beron, Ashulia PS, Dhaka-1341,	 Efficiency Assessment Report for the 650.75 KWp Rooftop PV Solar Power Plant for SREUP
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369.90 KWp Rooftop PV Solar Power Plant at Refat Garments Ltd.	October 2024	Ashulia, Savar, Dhaka, Bangladesh		Report for the 369.90 KWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment for the 232.90 KWp Rooftop PV Solar Power Plant at That's It Fashion Ltd.	August 2024 to October 2024	Vogra, Joydebpur, Gazipur, Bangladesh	Ha-Meem Group	Preparation of Energy Efficiency Assessment Report for the 232.90 KWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment for the 369.90 KWp Rooftop PV Solar Power Plant at That's it knit Ltd.	August 2024 to October 2024	59, South Panishail, Kashimpur, Gazipur Sadar, Gazipur, Bangladesh.	Ha-Meem Group	Preparation of Energy Efficiency Assessment Report for the 369.90 KWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment of GoodEarth Apparels Ltd.	August 2024 to November 2024	Tepirbari, Telihati, Sreepur, Gazipur.	GoodEarth Apparels Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Air Compressor VSD for Bangladesh Bank's SREUP Fund.
Energy Efficiency Assessment for the 1009.8 KWp Rooftop PV Solar Power Plant at GoodEarth Apparels Ltd.	August 2024 to November 2024	Tepirbari, Telihati, Sreepur, Gazipur.	GoodEarth Apparels Ltd.	Preparation of Energy Efficiency Assessment Report for the 1009.8 KWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment of Echoknits Ltd. GTF	August 2024 to November 2024	A-99/1, Baktarpur, Kaliakoir, Gazipur.	Echoknits Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Computerized Flat Knitting Machines for Bangladesh Bank's SREUP Fund.
Energy Efficiency Assessment for the	August 2024 to	Tepirbari, Telihati, Sreepur, Gazipur.	GoodEarth Apparels Ltd.	Preparation of Energy Efficiency Assessment



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241.875 KWp Rooftop PV Solar Power Plant at Karim Textiles Ltd.	November 2024			Report for the 241.875 KWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment for the 366.3 KWp Rooftop PV Solar Power Plant at Azim & Son (Pvt) Ltd. (Unit-02)	August 2024 to November 2024	368, Gacha Road, Gacha, Gazipur.	Azim & Son (Pvt) Ltd.	Preparation of Energy Efficiency Assessment Report for the 366.3 KWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment for the 803.25 KWp Rooftop PV Solar Power Plant at BIDI Apparels Ltd	September 2024 to October 2024	Plot 12-16 sector #06/A, CEPZ, South Halishahar, Chattogram	BIDI Apparels Ltd	Preparation of Energy Efficiency Assessment Report for the 803.25 KWp Rooftop PV Solar Power Plant for SREUP Fund.
Energy Efficiency Assessment of Indesore Sweater Ltd.	November 2024 to December 2024	Deger Chala, National University, Gazipur Sadar, Gazipur-1704	Indesore Sweater Ltd.	Preparation of Energy Efficiency Assessment Report for Resource and Energy Efficiency and Process Improvement of Jacquard Machines for Bangladesh Bank's SREUP Fund.
Energy Efficiency Assessment of BSRM Ltd.	December 2024 to January 2025	Sonapahar Mirsharai, Chattogram	BSRM Ltd.	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement for Air Pollution Control System for Bangladesh Bank Technology Development Fund (TDF)
Energy Efficiency Assessment of BSRM Ltd.	December 2024 to January 2025	Sonapahar Mirsharai, Chattogram	BSRM Ltd.	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement for Electric Panels for Bangladesh Bank Technology Development Fund (TDF)



Energy Efficiency Assessment for the 3281.525 KWp Rooftop PV Solar Power Plant at BSRM Wires Ltd.	December 2024 to January 2025	Sonapahar Mirsharai, Chattogram	BSRM Wires Ltd.	Preparation of Energy Efficiency Assessment Report for the 3281.525 KWp Rooftop PV Solar Power Plant for SREUP Fund for Bangladesh Bank Technology Development Fund (TDF)

G. Safety Assessment:

Project	Duration	Location	Client	Scope of Services
Electrical Safety Audit at RFL Electronic Limited – DIP Project	September 2017 – October 2017	Danga, Narayanganj, Dhaka	PRAN-RFL Group	Electrical Safety Assessment and Reporting with Recommendations.
Electrical Safety Audit at Arif Knitspin Limited and, NRG Hometex Limited	September 2017 – October 2017	Bhaluka, Mymensingh	NR Group	Electrical Safety Assessment and Reporting with Recommendations.
Electrical and Fire Safety Assessment at Active Distribution Ltd., Apex Husain Limited and East Asian Cox. (Pvt.) Ltd.	March 2021 – April 2021	Pubail, Dhaka; Savar, Dhaka; Narayanganj	Apex Hussain Group	Electrical and Fire Safety Assessment and Reporting with Recommendations.

H. MEP Design and Supervision:

Project	Duration	Location	Client	Scope of Services
Electrical System Design of Mayble & Frank Fashion Limited	April 2017 – October 2017	Bhaluka, Mymensingh	Arrival Fashion	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical System
Electrical System Design of Rawshan Jahan Eastern	October 2017 –	Dattapara, Lakshipur, Bangladesh	Rawshan Jahan Group	Preparation of Detailed Design and Drawings, BOQ and Technical



Medical College and Hospital December 2017 Specifications for Electrical System Petronary 2018 - March 2018 Bangladesh Limited Design Drawings of Firefighting System for Fire Service and Civil Defense					ZTENC
Design of Weil Spinners Limited March 2018 Bangladesh Limited Design Drawings of Firefighting System for Fire Service and Civil Defense					•
Electrical & Plumbing System Design of Sufi Bari Resort Electrical System Design of Icon Tower of Rancon Developments Limited Electrical System Design of the Cumilla Hospital (12 Storied Diagnostic & Hospital Building) Electrical System Design of 2018 - Soptember 2018 Electrical System Design of the Cumilla Hospital (12 Storied Diagnostic & Hospital Building) Electrical System Design of Conference Hall and Gymnasium Buildings of UNHCR, Cox's Bazar Electrical System Design of Needle Drop Limited Studio of architecture BOQ and Technical Specifications for Electrical System Electrical System Design of Needle Drop Limited Studio of architecture BOQ and Technical Specifications for Electrical System Electrical System Design of Needle Drop Limited Electrical System Design and Drawings, BOQ and Technical Specifications for Electrical System Electrical System Electrical System Design of Needle Drop Limited Electrical System Design and Drawings, BOQ and Technical Specifications for Electrical System Electrical System Electrical System Design of Oncept Design and Drawings, BOQ and Technical Specifications for Electrical System Electrical System Electrical System Design of Concept Design and Drawings, BOQ and Technical Specifications for Electrical System Electrical System Design and Drawings, BOQ and Technical Specifications for Electrical System Electrical System Electrical System Electrical System Design of Concept Design and Drawings, BOQ and Technical Specifications for Electrical System Electrical System Electrical System Electrical System Electrical System Electrical System Electrical System Electrical System E	Design of Well	2018 –		•	Design Drawings of Firefighting System for Fire Service and Civil
Design of Icon Tower of Rancon Developments Limited Electrical System Design of the September Storied Diagnostic & Hospital Buildings Conference Hall and Gymnasium Buildings of UNHCR, Cox's Bazar Electrical System Design of Needle Drop Limited Electrical System Design of Needle Drop Limited Electrical System Design of Cox's Bazar Mechanical, Electrical & February 2019 Mechanical, Electrical & System December Design of Concept Knitting Limited Mechanical, Electrical & Specifications for Electrical System December Design of Concept Knitting Limited Design and Drawings, BOQ and Technical Specifications for Electrical System Including Automation of HVAC Equipment Design and Drawings, BOQ and Technical Specifications for Electrical System Including Automation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical System Design of Concept Knitting Limited Mechanical, Electrical & Specifications for Mechanical Provided Provided	Electrical & Plumbing System Design of	2018 –	Bangladesh	studio of	Design and Drawings, BOQ and Technical Specifications for Mechanical, Electrical &
Design of the Cumilla Hospital (12 Storied Diagnostic & Hospital Building) Electrical System Design of 2018 — Cox's Bazar Design of 2018 — Design and Drawings, BOQ and Technical Specifications for Electrical System Electrical System Design of 2018 — Design and Drawings, BOQ and Technical Specifications for Electrical System Electrical System Design of 2018 — Design and Drawings, BOQ and Technical Specifications for Electrical System Buildings of UNHCR, Cox's Bazar Electrical System Design of Needle 2019 — May Gazipur Design of Needle 2019 — May Gazipur Mechanical, February Specifications for Electrical System Mechanical, February Gazipur, Dhaka Mechanical, February Specifications for Electrical System Design of Concept System Design of Concept Specifications for Mechanical, Electrical Specifications for Specifications for Mechanical, Electrical & Specifications for Mechanical & Specifications for Mechanical & Specifications for Mech	Design of Icon Tower of Rancon Developments			Developments	Design and Drawings, BOQ and Technical Specifications for
Design of Conference Hall and Gymnasium 2018 Buildings of UNHCR, Cox's Bazar Electrical System Design of Needle Drop Limited Mechanical, Electrical & 2019 — Dhaka Mechanical, Electrical & 2019 — Dhaka February Design of Concept Knitting Limited Mechanical, Electmical & 2019 — Design of Concept Knitting Limited Design and Drawings, BOQ and Technical Specifications for Electrical & Specifications for Mechanical, Electrical & Specifications for Mechanical & Specifications for Mechanica	Design of the Cumilla Hospital (12 Storied Diagnostic &	September	Cumilla,		Design and Drawings, BOQ and Technical Specifications for
Design of Needle 2019 Gazipur Limited Design and Drawings, BOQ and Technical Specifications for Electrical System Mechanical, February Gazipur, MASCO Group Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical & 2019 — Dhaka Design and Drawings, BOQ and Technical Design of Concept 2019 Specifications for Knitting Limited Specifications for Mechanical, Electrical & Specifications for Mechanical & Specifi	Design of Conference Hall and Gymnasium Buildings of UNHCR,	2018 – December	Cox's Bazar	UNHCR	Design and Drawings, BOQ and Technical Specifications for Electrical System including Automation of
Electrical & 2019 – Dhaka Design and Drawings, Firefighting System December BOQ and Technical Design of Concept 2019 Specifications for Knitting Limited Mechanical, Electrical &	Design of Needle	2019 – May	, , ,	•	Design and Drawings, BOQ and Technical Specifications for
	Electrical & Firefighting System Design of Concept	2019 – December		MASCO Group	Design and Drawings, BOQ and Technical Specifications for Mechanical, Electrical &



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Mechanical and Electrical System Design of Eco Laundry Limited	March 2019 – December 2019	Savar, Dhaka	Eco Laundry Limited	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Mechanical and Electrical System
Electrical System Design of Old Dhaka Central Jail Museum (Zone B & Zone C) Project	March 2019 – December 2019	Old Dhaka	Form3a Architect	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical System including Building Integration Management System
Electrical and Plumbing System Design of Barendra Vita Project of Sarkar Builders	January 2020 – February 2020	Rajshahi	Sarkar Builders	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical and Plumbing System
As-Built Design of Electrical System and proposed LPS and Earthing System Design and Firefighting Design of Active Distribution Ltd., Apex Husain Limited and East Asian Cox. (Pvt.) Ltd.	March 2021 – April 2021	Pubail, Dhaka; Savar, Dhaka; Narayanganj	Apex Husain Group	Preparation of As-Built Design Drawings of Electrical System (ELD, SLD), proposed LPS and Earthing System Design Drawings and proposed Firefighting Design Drawings
Electrical, Firefighting and Plumbing System Design of Aemal Center of Sarkar Builders	July 2021 – August 2021	Rajshahi	Sarkar Builders	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical, Firefighting and Plumbing System



CONTACT INFORMATION !!!

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