Engr. Uzzul Hoque

Head of Utility | Industrial Utilities, Energy and Sustainability Leader | PMP, MBA

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PROFESSIONAL SUMMARY

Electrical engineering professional (B.Sc. EEE) and utility operations leader with 15+ years managing power generation, steam and boiler systems, HVAC, compressed air, water treatment and effluent treatment plants for Bangladesh's largest textile and apparel manufacturing groups. Currently Head of Utility at DBL Industrial Park Ltd (DBL Group), accountable for 100 MW+ of utility capacity and 24/7 reliability across an integrated industrial park. Project Management Professional (PMP) with an MBA and a record of energy efficiency, cost reduction and LEED-aligned sustainability programs that pass global buyer audits (Inditex Class A rating, Higg FEM, SLCP). Builds and leads multidisciplinary engineering teams through capital projects, plant shutdowns and capacity expansions.

CORE COMPETENCIES

- Industrial Utility Operations
- High-Voltage (HV) Distribution and Substations
- HVAC, Chillers and Compressed Air
- Energy Audits and KPI Management
- CAPEX Planning and Project Management
- Environment, Health and Safety (EHS) Compliance
- Power Generation and Co-generation
- Steam and Boiler Systems
- Water Treatment (WTP) and Effluent Treatment (ETP)
- Preventive and Predictive Maintenance
- Vendor and OEM Management
- Team Leadership and Mentoring

PROFESSIONAL EXPERIENCE

Head of Utility

Present

DBL Industrial Park Ltd (DBL Group), Bangladesh

> **Scope at JTML spinning unit, Sreehatta Economic Zone:** HT grid substation, 930 kVA standby diesel generation, 110 kW grid-tied solar PV, 5 screw compressors, central humidification plant with 330+ RT VRF air conditioning, groundwater and RO water treatment (30 m^3/h), and full fire-protection and UPS infrastructure.

- Lead the utility division of one of South Asia's most integrated industrial parks, managing 100 MW+ of utility capacity with 24/7 availability targets across power, steam, water, HVAC and sustainability systems.
- Oversee gas-engine and diesel power generation (Jenbacher, Caterpillar), gas and steam distribution, chiller, compressor and effluent treatment plants that keep production lines, lighting, climate and process utilities running.
- Own fire and life-safety systems for the site: diesel, electric and jockey fire pumps, fire-rated egress, lightning protection and backed-up alarm and PA systems, maintaining audit readiness for buyer and fire-code inspections.
- Drive energy efficiency, cost reduction and carbon footprint initiatives through load monitoring, fuel-use tracking, compressor leakage control and chiller optimization.
- Own capital expenditure (CAPEX) planning, vendor and OEM management, and capacity expansion projects from scoping through commissioning.
- Lead, mentor and develop a multidisciplinary team of engineers, operators and contractors; maintain SOPs and boiler and electrical compliance.
- Led the utility, environmental and fire-safety scope of buyer audits at JTML, earning a Class A rating in the Inditex (Zara) supplier audit and completing SLCP and Higg FEM assessments with zero environmental grievances or non-compliance cases.

Assistant General Manager (AGM), Engineering and Utility

Unitex Group, Bangladesh

- Managed end-to-end utility operations across composite textile and apparel facilities: power plant, boilers, chillers, compressors, water treatment plant (WTP) and effluent treatment plant (ETP).
- Designed and rolled out a preventive and predictive maintenance strategy across multiple plants to raise uptime of critical utility assets.
- Ran energy audits and led optimization and reliability improvement programs.
- Coordinated cross-functionally with production, projects and EHS teams on expansions, shutdowns and compliance.

Head of Electrical, Electronics and Engineering (EEE)

Badsha Group of Industries, Bangladesh

- Headed electrical, electronics and engineering functions across spinning, weaving and finishing units.
- Owned captive power generation (Caterpillar and Jenbacher gas and diesel gensets), high-voltage distribution, substations and electrical safety compliance across the plants.
- Delivered automation, instrumentation and control systems for European high-speed spinning lines (Trützschler, Rieter), including drives, inverter rooms and process-air integration.
- Executed new installations, upgrades and expansion projects on time and within budget, and built SOPs, training programs and a strong maintenance culture.

KEY PROJECTS

- **Environmental and social compliance program, JTML:** Class A Inditex supplier audit rating; SLCP and Higg FEM assessments; Environmental Clearance Certificate; utility-side compliance for OEKO-TEX Standard 100, GOTS, OCS, RCS and GRS certifications.
- **Utility capacity expansion, DBL Industrial Park:** planned and delivered capital projects for utility capacity additions serving park growth.
- **Energy efficiency program:** implemented utility load monitoring, compressor leakage control and chiller optimization.

TECHNICAL SKILLS

Power and Electrical	Caterpillar and Jenbacher gas and diesel generator sets, co-generation, grid integration, load management, high-voltage (HV) distribution, substations, electrical safety compliance, instrumentation, automation and control systems
Steam and Thermal	High-pressure boilers, steam generation and distribution networks, process steam integration, gas distribution
HVAC and Compressed Air	Chillers, air handling units (AHU), humidification, compressed air networks, leakage control
Water and Environment	Water treatment plant (WTP), effluent treatment plant (ETP), water recovery, environmental compliance, LEED-aligned facilities
Compliance and Audits	Inditex supplier audit, SLCP social and labour assessment, Higg FEM environmental assessment, Environmental Clearance Certificate (Department of Environment), OEKO-TEX Standard 100, GOTS, OCS, RCS, GRS, LEED, fire-code and boiler compliance
Reliability and Maintenance	Preventive and predictive maintenance, condition monitoring, spares planning, standard operating procedures (SOP), shutdown planning
Management and Reporting	Energy KPIs for load, fuel, steam, water, air and chillers; cost per unit of production; CAPEX planning; vendor and OEM management; audit readiness

EDUCATION

Master of Business Administration (MBA) — Jatiya Kabi Kazi Nazrul Islam University, Mymensingh, Bangladesh

Bachelor of Science in Electrical and Electronic Engineering (B.Sc. in EEE) — Bangladesh

CERTIFICATIONS

Project Management Professional (PMP) — Project Management Institute (PMI); PMI member

LANGUAGES

Bengali (native) · English (professional working proficiency)