

AMITHI POWER CONSULTANTS PVT LTD.

Est. 2004



Trading name of SN Registrars (Holdings) Ltd



8327

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Amithi Power Consultants (Pvt) Limited

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About Us



APCL was established in **2002** (reg. 2004) by **Eng. Rienzie Fernando** after retiring early from Ceylon Electricity Board as Chief Engineer (Transmission Maintenance), and imminent DGM position after 22 year tenure with a decisive move of filling the prolong vacuum in Sri Lanka's Electrical Engineering Designing sector, electrical consultation, energy consultation, electrical testing & commissioning, and auditing.

APCL is the pioneering consultancy company initiated in Sri Lanka and sustained **18 years** serving a broad range of clients whilst contributing to numerous projects across the world.

APCL operates in 2 main departments to meet different client requirements with more efficiency under supervision of 3 Chartered Engineers.

Design Division

- Electrical Power Projects
- Renewable Energy Projects
- Building Services

Testing Division

- Testing
- Commissioning
- Auditing
- Servicing
- Equipment Rental

Our Quality Policy



“Amithi Power Consultants (Pvt) Ltd is an Electrical HV, MV, LV System Design, Testing, Commissioning, Auditing and MEP Design company in Sri Lanka, which sets a benchmark in addressing the requirement of the client while maintaining Quality Management System meeting **ISO 9001:2015** standards, legal & stakeholder requirements.

We, APCL commit to develop a culture that ensures continual improvement of our Quality Management System to improve our performance and attitude towards quality for the satisfaction of our client. All required financial resources, Human resources, software, test equipment and tools are committed by the company for the APCL team to deliver a right service at right time.”

Why Choose Us ?

- Rewarding client with **hassle-free** service
- Dedicated Customer care service
- Over 18 Years of Industrial **experience**
- **Pioneer** in Electrical consultancy in Sri Lanka
- Involvement of **professional engineers** accredited by IESL
- Intimate **knowledge** of Utility (CEB/LECO) Requirements
- Chartered Engineers' **supervision**
- Assuring **Quality** Service & **Value** for Money
- Wide range of Testing & Measuring **instruments**
- Inspection & Tests Complying to BS, IEC, IET, IEEE **Standards**
- Comprehensive Medical **Insurance Coverage** for Staff
- Safety concerned practices (PPE & procedures)
- Adapting project administration to ISO 9001 : 2015 **Quality Management System** (QMS)

Customer-oriented
Quality
Experience
Professionalism
Qualification
Safety+

Our Team

EXECUTIVE CONSULTANTS

D. G. Rienzie Fernando

B.Sc.Eng (Hons) – University of Moratuwa, C.Eng, MIESL, Visiting Lecturer – MSc University of Moratuwa, Lecturer - IESL CPD on Electrical Installations, ADB Consultant

Managing Director

Senior Consultant
(Electrical & Building Services)

Chartered Engineer

R. Kaushalya Alpitiarachchi

B.Sc.Eng (Hons) – University of Peradeniya, PG Dip (Electrical Installations) – University of Moratuwa, C.Eng, MIESL, MPMI, Member - Green Building Council SL, Certified Thermographer, Recognized Building Services Engineer (IESL)

General Manager/CEO

Consultant
(Electrical & Building Services)

Chartered Engineer

K. Laksith Uchitha Sirisena

B.Sc.Eng (Hons)- University of Moratuwa, M.Sc. (Electrical Installations)- University of Moratuwa, C.Eng, MIESL, Visiting Lecturer – MSc University of Moratuwa

Engineering Manager

Consultant (Electrical)

Chartered Engineer

CONSULTANTS (NON-EXECUTIVE)

Lalith De Silva

B.Sc.Eng (Hons) – University of Moratuwa, C.Eng, MIESL

Senior Consultant

(Mechanical)

Chartered Engineer

Wasantha Jayarathna

B.Sc.Eng., C Eng., MIE(SL)

Consultant

(Building Services)

Chartered Engineer

ENGINEERING EXECUTIVES (IN-HOUSE)

B. A. Charith Sachintha

B.Tech.Eng (EEE) – JNTU India, M.Sc. (Electrical Installations)- University of Moratuwa [Reading], AMIESL

Head of Dept. (Testing)
Electrical Engineer

G. Sajana Gunasekara

B.Sc.Eng (Hons) – University of Moratuwa, AMIESL

Electrical Engineer (Design)

H. L. Sudharaka Perera

B.Sc.Eng (Hons) – University of Moratuwa, AMIESL

Electrical Engineer (Design)

H. Suwithi Karunasekara

B.Sc.Eng (Hons) – KDU Sri Lanka

Electrical Engineer (Design)

G. A. Hasitha Perera

B.Sc.Eng (Hons) – University of Moratuwa, AMIESL

Electrical Engineer (Testing)

C. Haritha Kalubowila

B.Sc.Eng (Hons) – KDU Sri Lanka

Electrical Engineer (Testing)

Achala Kumarawadu

B.Eng (Hons)- Curtin University

Assistant Engineer (Testing)

ADMINISTRATION

A. Ayesha Darshani Silva

B.Sc. in Management (Public) General (External) [Reading], UJP

Accountant

H. Dilini De Silva

Business Level Examination [Reading], CA Sri Lanka

Administration Coordinator

TECHNICAL CREW

Crew consists Technical leader and 10+ skilled, Semi-skilled and unskilled labour

- Certified for HV Cable Terminations [ABB]
- Certified for HV Cable Joints [Wind Force (Pvt) Ltd.]
- Certified for GIS Panel Installation/terminations [Siemens]

Design Division Services

Design

“Our department provides high quality design and consultancy services in all fields concerning Electrical Power Engineering and Building Services Engineering.”

Engineering Designs and Consultations

Understanding the client requirements and conducting Engineering designs with unparalleled quality in a timely manner and providing consultancy services for Electrical Power and Building Services of various projects. All design and consultancy are carried out adhering to internationally recognized standards.

Value Engineering and Design Reviewing

Performing value engineering to effectively reduce the cost, optimize and increase the functionality of the design to create the final outcome in the most cost-effective way without taking away its purpose.

Reviewing engineering designs by evaluating the design against the requirements and confirming their technical suitability and conformity to standards and local practices.

Simulation and Modelling

Carrying out system modelling and simulations for power systems, earthing systems, transmission lines and lighting systems using ETAP, PLS-CADD, PSSE and DiaLux software platforms.

Conducting Load Flow, Short Circuit, Protection Coordination, Arc Flash Analysis, Substation earthing, and other earthing system simulations utilizing ETAP® software (Commercially registered to Amithi Power Consultants Pvt Ltd since 2018): <https://etap.com/products/etap-users-list>

Extensive experience and expertise of senior consultants will be embedded to analyze and improve the simulation results.

Preparation of Tender Documents and Tender Evaluation

Preparing tender documents, specifications, Bill of Quantities (BOQ), Request for Quotations (RFQ) and tender evaluation criteria, evaluation of tenders, assessing contractors' capabilities and experience and issuance of detailed outcome of tender evaluation process.

Chartered Engineer's Certifications and Approvals

Issuance of Chartered Engineer's certification for drawings, calculations and reports and Chartered Engineer's approval letters for third parties.

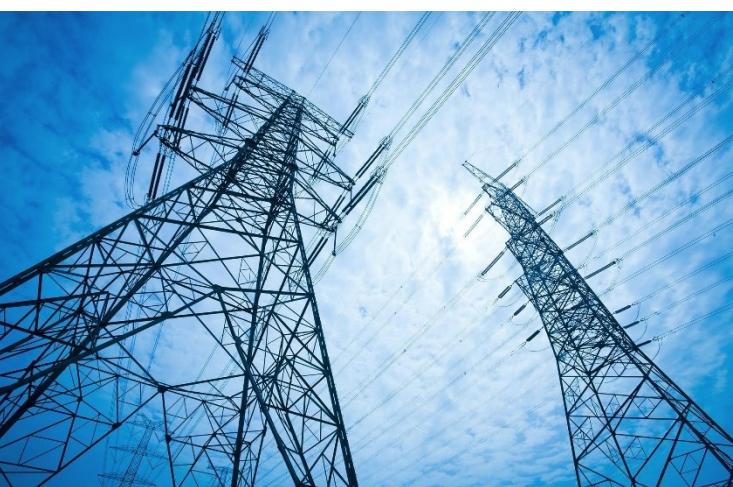
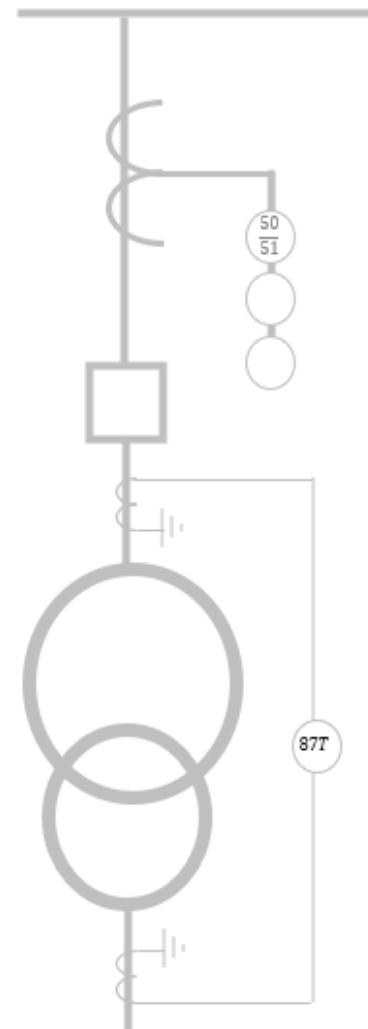
Our team is led by 3 Chartered Engineers and are registered members of the Building Services Engineer's Registry of IESL. In addition, we work collaboratively with other Chartered Engineers and industry experts for various projects.

Consultancy and Supervision for Constructions

Providing technical consultation for erection works, Validation of technical specifications of equipment proposed by suppliers, Witnessing and approving Factory Acceptance Tests (FAT). Approval of samples and participation to meetings & site visits.

Electrical Power Engineering

- High Voltage Grid Substations
- Transmission and Distribution Line
- Primary Substations
- Medium Voltage Gantry
- Medium Voltage Installations
- Low Voltage Installations
- Power System Protection Systems
- Substation Earthing Systems
- Tower Earthing Systems
- Low Voltage Installation Earthing Systems
- Lightning Protection Systems (LPS)
- Interior, Exterior and Lighting Systems
- Generators
- Electrical Infrastructure of Solar PV Systems
- Energy Storage Systems
- Infrastructure of Data Centers and Consulting for Tier certifications



Building Services Engineering

Electrical

- Medium voltage installations
- Low voltage installations
- Lightning Protection Systems (LPS)
- Interior, Exterior and Lighting Systems
- Earthing Systems
- Generator sizing
- Solar PV Systems
- Extra Low Voltage (ELV) installation
 - CCTV
 - Data network
 - Telephone
 - Access Control Systems
 - Public Addressing (PA) Systems
 - MATV/IPTV



Building Services Engineering

Mechanical

- HVAC Systems
- Fire Protection & Detection Systems
- Elevators and Escalators

Plumbing

- Water Supply Systems
- Sewer and Wastewater Systems
- Storm Water Systems
- Pool and Spa



Our Key Projects

Electrical Power Projects



Colombo Port City

Local Electrical Consultant: MV System Design, Electrical Demand Calculation (2014/15)

- Design review of Utility Tunnel Mechanical, Electrical, Plumbing, Vehicular & Footbridge Bridge Lighting, Selection of MV cable (2019)
- Design Review of 33 kV Distribution System (2020)



33 kV gantries (5 Nos)

For CEB Project CENEIP Lot A & B

Design of 3D conceptual arrangement, Lightning Protection System and Earthing system.

220 kV Interconnection Transmission Line for LNG Power Plant, Hambantota

Identification of possible transmission line routes to deliver 1000 MVA power from proposed LNG power plant to Hambantota GSS.

Walkover surveys and Preliminary designs using PLS CADD software



33 kV gantries (13 Nos)

for CEB Project – SESRIP Pkg 4

Design of 3D conceptual arrangement, Lightning Protection System, Auxiliary Power Distribution and Earthing system by ETAP® ground grid module.



132 kV Transmission Line for Illuka Mineral Extraction Facility- Puttalam

Identification of possible transmission line routes to deliver 50 MW power from Puttalam GSS to the Facility
Walkover surveys and Preliminary designs using PLS CADD software



33kV Bundle Cable design at Parakum Mawatha, Kurunegala

Design of distribution line, preparation of tender documents, evaluation of tenders and supervision during construction (Line length 500 m)



New Chilaw Grid Substation of CEB - Dummalaosoroya.

Evaluation of electrical safety of the total distribution system of the distribution system and proposal on relevant upgrades to meet standards.

ACE Power - Embilipitiya

Design, consultancy, supervision and commissioning of transmission and distribution system of 100 MW Thermal power plant



Chunnakam Substation

Design of HV, LV and Instrumentation cable systems

Renewable Energy Projects



**Mampuri 30 MW Wind Power Park
(Senok Wind Farm)**

Design, consultancy and commissioning of transmission and distribution system including tower earthing and substations



**10 MW Solar PV Power Plant project by Laugfs
Power (Pvt) Ltd**

Study of impacts on Load Flow and Short Circuit levels at Hambantota GSS by adding of 10 MW Solar PV, Modelling & simulations using etap® software.



Ambewela Wind Farm

Design of Transmission line, earthing arrangement and Protection scheme



Mannar Wind Power Plant

Conducting Load flow, energy loss and short circuit analysis



**Ceylon Tobacco Company – Colombo
(A member of British American Tobacco)**

Electrical Consultancy for Grid Connected 1.85 MWp Rooftop Solar PV System (Ongoing)



**Ceylon Tobacco Company – Kandy
(A member of British American Tobacco)**

Electrical Consultancy for Grid Connected 1.2 MWp Rooftop Solar PV System (Ongoing)

Earthing System Design & Analysis



Lakvijaya Power Station - Norochcholai

Evaluation of the earthing mesh of outdoor switchyard area between 220 kV terminal towers and GIS building in the perspective of electrical safety



**33 kV Tower Earthing System
for CEB Project – SESRIP Pkg 4**

Design of 33kV tower earthing systems for six different soil resistivity ranges and three different earthing arrangement for each range. Modeling and simulation by ETAP® ground grid module



Uma Oya Multipurpose Development Project

Design of substation earthing system and preparation of specifications



CEB Grid Substation L, M & N

Design of substation earthing systems and preparation of specifications for 220/132/11kV CEB Grid Substations



33kV / 11 kV

CEB Primary substation - Dehiwala

Design of substation earthing system and preparation of specifications



Old Anuradhapura Grid Substation

Review of substation earthing system design



Pallekele Grid Substation

Design of the substation earthing system



Habarana Grid Substation

Design of the substation earthing system



Naula Grid Substation

Design of the substation earthing system



Maho Grid Substation

Design of the substation earthing system



Microsoft Data Centre Temporary Supplies

Design of earthing arrangement for 11 kV temporary supplies of Microsoft Data Centre in Westlanderweg for Engineering Power Solutions Ltd (UK) (Ongoing)

Building Services



Havelock City
Design Review & Value Engineering on Electrical Distribution System for Commercial & Retail Complex, Phase I and Phase II



Platinum 1 - Colombo
Design of Electrical (LV & MV) and ELV systems



Hambantota General Hospital Complex
Design of Electrical and ELV systems



Auditor General's Building - Battaramulla
Design of Electrical, ELV, Fire and Plumbing systems



Kaatsu International University
Design and consultancy of Electrical, ELV, MVAC, Fire and Plumbing systems (Ongoing)



Sirimavo Bandaranaike Children's Hospital
Design of electrical, ELV, fire and plumbing systems



Nuwara Eliya General Hospital Complex
Design of Electrical and ELV systems



Airport Garden Hotel New Phase
Design of Electrical and ELV systems



Uga Bay - Pasikuda
Design of Electrical and ELV systems



Uga Ulagalla Resort
Design of Electrical and ELV systems



World Trade Center- Colombo
Design of Diesel Generator Systems



**SENOK Automobile Training Centre
Kuliyapitiya**
Design of Electrical and ELV systems



Industrial Technology Institute – Malabe
Design of electrical, ELV, fire and Plumbing systems



SLT Data Center Pitipana
Tier III Data Centre Medium Voltage & Low Voltage System
Consultancy



Taj Samudra Hotel Colombo
MEP audit with electrical rehabilitation,
Evaluation and Design of Lightning Protection System,
conducting safety audits, safety awareness programs and
issuing of compliance report



Heritance Aarah Maldives
Design review and value engineering for LV and MV electrical
system



Brandix India Apparel City
Design and construction supervision of 33kV electrical distribution network, perimeter and street lighting system



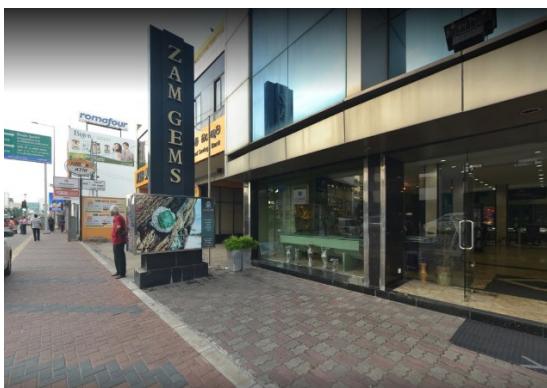
Nestle Lanka PLC
Design and supervision consultancy for 'Project Nucifera'



Empire Residencies
Design and consultancy for lightning protection system



Access Tower 2
Electrical design review for low voltage and medium voltage distribution systems



Zam Gems Building - Colombo 04
Design of Electrical, ELV, Fire and Plumbing systems



Vocational Training Center- Niyagama
Design of Electrical, ELV, Fire and Plumbing systems as a Turnkey Contractor



CIYATEK – Wellampitiya
Design of electrical and ELV systems



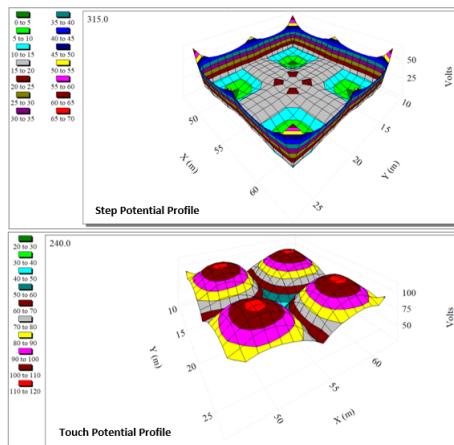
Metropolitan building – Dehiwala
Design of electrical distribution system



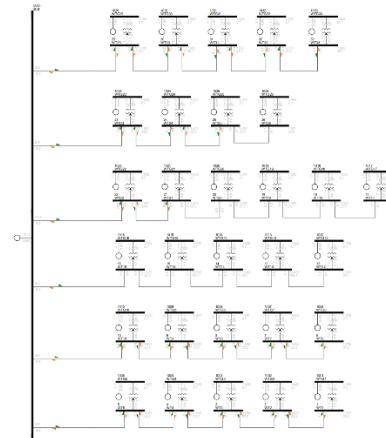
Hanwella Factory Expansion Project - Royal Cask Distilleries

Designing MV and LV Distribution System of Proposed Expansion Project of Royal Casks Distilleries Factory at Hanwella (Ongoing)

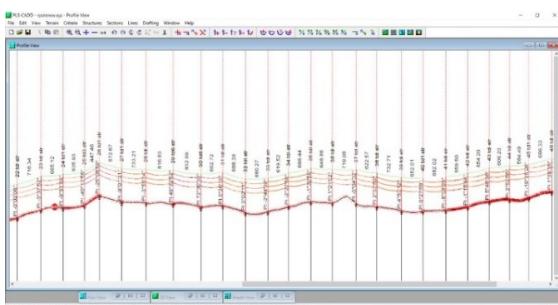
Modelling and Simulations Outcomes



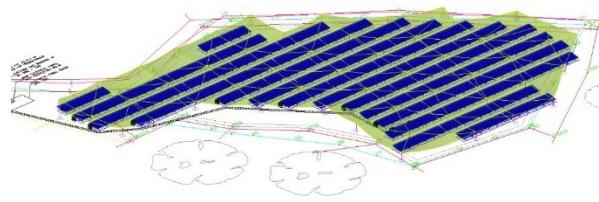
Step Potential Profile and Touch Potential Profile for Uhana 33 KV Gantry of CEB Project - SESRIP Pkg 4 obtained using ETAP® ground grid module



PSS®E simulation-aided Annual Energy Loss Calculation of Wind Farm Cable Network for installed lengths at Mannar Wind Power Plant, Sri Lanka



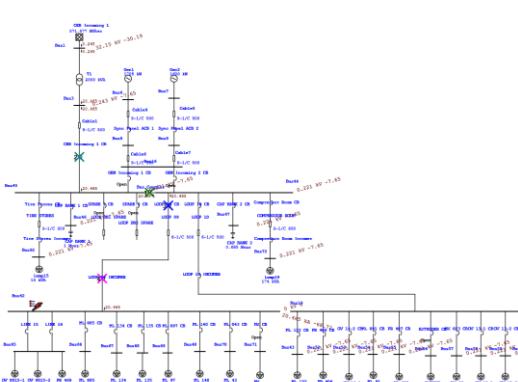
220kV double circuit transmission line design using PLS CADD software to interconnect proposed LNG Power Plant in Hambantota and Hambantota Grid Substation.



Lightning Protection System design using AutoCAD Software for a 1 MWp Ground Mounted Solar PV Project at Maho, Sri Lanka for nSolar Consultants (Pvt) Ltd



Lighting design for a Lecture Room using DiaLux Software of Kaatsu International University, Malabe



ETAP® Star Protection & Coordination Study to identify the sequence of operation (SQOP) of the protective devices at CASMO Loadstar (Pvt) Ltd – Ja Ela

Our Project List

Power sector

Transmission Lines and Substation

Design

- Designing of the LV substation for CTC Kandy leaf branch.
- Proposal of transformer paralleling at Matara and Panadura substations of Ceylon Electricity Board on the perspective of Electrical safety.
- Commissioning and designing of the Sri Lanka's first 33 kV overhead bundle cable line for SENOK Wind farm at Puttalum
- Consulted & Designed and Supervised modification of the 132 kV Transmission line of ACE Power (Embiliptiya) and C.E B Grid substation.
- Consulted, investigate feasibility of employing appropriate measures to minimize possible environmental and social impacts on Lighting Sri Lanka Hamabanthota Project

Generation Designs

- Feasibility study on 10MW Wind Power Plant in Island Delft.

Utility

- Consultancy for defining safety index to Sri Lankan industrial sector with PUCSL. (Public Utility Commission Sri Lanka) 2015
- Preparation of Safety and Technical Management Programme for Electricity Licensees for Public Utility Commission of Sri Lanka

Renewable Power

- 1 MW Solar PV System to Alotau Power System Network, Papua New Guinea [2017]
 - Prefeasibility study to seek for viability to add proposed Solar PV system
- Consultancy for 4 kW Solar PV installation by JLanka Technologies (2017)
 - Inverter configuration analysis to mitigate overvoltage tripping
- Design of Solar PV System Jagro Strawberry Farms [2017]

Individual Projects by Managing Director

- Eng. Rienzie Fernando

- ADB TA – 9021: Colombo Suburban Railway Project – Project Preparatory Technical Assistance (PPTA) – working as a Power Sector Expert (National) and Network Specialist under the guidance of the international experts, taking decisions on the voltage level and methods of electrification of Railway in Colombo Suburban areas. After forecasting the future electricity demand in this area, Selecting the suitable feeding substations and future substations for this purpose. Traction Substations feeding methodology, Pre-sizing of the Traction Power Supply architecture, Preliminary design of 25 kV Catenary and relevant system studies etc [2016 – to date]
- ADB Loan 3146 (SF) Green Power Development and Energy Efficiency Improvement Investment Program (Tranche 1) - Energy Efficiency Implementation Smart Grid Specialist [2015 – to date]
- ADB TA No. 8264 PNG: Implementation of the Electricity Industry Policy - master plan of Generation, Transmission, and Distribution of Papua New Guinea - Transmission and Distribution Specialist [2014 – 2015]

- Replacement of 132kV (AC) Wailoa - Cunningham Transmission Line Tower T9 and T 98 in Fiji - Design Review and Project Monitoring Consultant [2014]
- ADB TA-7325 INO Review of Contract Documents of - Java and Bali Crossing 500 kV Substations and Transmission Lines - Transmission Specialist [2013 – 2014]
- ADB TA 8393-SRI Green Power Development and Energy Efficiency Improvement Investment Program - Work with team leader to assess all the projects in terms of feasibility and to carry out costing of transmission facilities and to accommodate infrastructure to absorb the renewable energy as much as possible and to completer due diligence of projects to assist ADB to find the projects to be funded under Tranche 1. [2013 – 2014]
- ADB funded Capacity Building for Clean Power Development - Part A – System Stability and Network Planning Studies - assist CEB in undertaking the system stability and network planning studies for development of the renewable energy potential with specific focus on incorporation in the system intermittent wind and solar power generation and taking into consideration the potential power interconnection between India and Sri Lanka in the future. [2013]
- TA No 7262-VIE Renewable Energy Development and Network Expansion and Rehabilitation for Remote Communes Sector Project at Hanoi, and Ho Chi Minh, Vietnam - Assist the Asian Development Bank (ADB) on the project specification and evaluation reviews of distribution and mini hydro projects monitoring of progress. Assist Vietnamese authorities NPC CPC and SPC to on technical aspects on designs etc. Capacity building of the staff of Vietnamese Authorities. [2012 – to date]
- TA No 7838-SRI Sustainable Power Sector Support II - Assist the Asian Development Bank (ADB) with TA No 7363-SRI Sustainable Power Sector Support II Project to review the Transmission and Distribution Projects identified by CEB. [2011 – 2012]
- Fast Track Power Plant Projects, Iraq – Working as a Consultant with project staff to implement systems on planning, coordinating with transmission unit, other relavant units of Ministry of Electricity of Iraq and the other organizations to carry out the projects smoothly. Introduction of the systems of administration, monitoring and help in payment matters. Work on Capacity building of the project staff. [2010 – 2011]
- Nadawaritu Mini Hydro Project – Fiji - carrying out Feasibility Study. Contributed electrical designs including Lay out design of the power station, 132 kV line Design (Profile design and the rest of designs), Activities up to construction and commissioning. [2010]
- ADBTA 7363-SRI Sustainable Power Sector Support II - Assist the Asian Development Bank (ADB) with TA No 7363-SRI Sustainable Power Sector Support II Project to review the Transmission and Distribution Projects identified by CEB. [2010]
- Kotugoda, Kerawalapitiya 220 kV, Transmission Line, Sri Lanka – worked as a Senior consultant coordinating tower designs, profile designs and organizing approvals form engineer from foundations to completion and witnessing all quality assurance checks and tests of raw material and finished goods and to witness and pass the prototype tests of the towers. Witnessing of tests of insulators etc and monitoring of the progress of the project and organizing the completion of the project in time. [2008]
- Distribution Line design and procurement formalities in Changshu Steel Corporation, Chanshu, China for procurement of material for a project in Tasmania and Victoria, Australia – worked as the Coordination Engineer, coordinating Structural Designs and Drawings for the lattice tower Structures and prototype testing of towers, and coordinating all procurement Activities. [2007]

- SharqDijla Substation Project Iraq, Baghdad, Based in Amman Jordan – worked as an International Consultant performing Design, Award contract, Monitor Progress of Construction Works of 2 Nos of 2 x16 MVA, 33 kV 11 kV substations and distribution systems [2006 – 2007]
- Indo-Sri Lanka undersea DC transmission – Worked as a Senior Consultant performing a detailed analysis of technical requirements of both networks to interconnect system and check stability for the feasibility of the project. [2003]

Earthing System Design & Analysis

- Designing of Earthing System for 33kV Substation at Ceylon Petroleum Corporation, Sapugaskanda
- Designing earthing systems for Micro Grid Project at University of Moratuwa for DIMO (Pvt) Ltd.
- Detailed design and hand calculation for the Earthing Design of New Galle substation and provision of detailed report to ABB Limited (SVAT) (2014)
- Earthing Enhancement for SmithKline Becham (Pvt) Ltd. (2016)
- Earthing System design, Issuing of Chartered Engineer Certificate to IDawn Technologies. (2016)
- Evaluation of earth system, Soil Resistivity and design of earthing system for proposed container office at CTC depot, Theldeniya. (2017)
- MV/LV Earthing System Design, Conducting Testing & Commissioning of MV & LV Systems at Ambatale Water Pumping Station for Salcon Berhad [2020]

Design Review and Value Engineering

- Design Review for Heritage Grove High Rise Building complex for Access Energy Solutions (Pvt) Ltd. (Medium voltage and Low Voltage)

Industrial Sector

- Electrical system design for Proposed New Factory Building for CBL Foods International – Kottawa
- Designing of the new electrical system for Link Natural Products (Pvt) Ltd, conducting of electrical safety audit to the existing factory and conducting of workshop on electrical safety and predictive and preventive maintenance to staff members of Link Natural Products (Pvt) Ltd.
- Complete design of JJ Mills - Bangladesh for Energy Solve International.
- Successfully designed and constructed all the wiring modification and electrical protection systems of Aitken Spence printing (Pvt) Ltd.
- Electrical Design, Safety Audit and Energy audit at Prima Ceylon Limited – Rajagiriya.
- Consultant for electrical expansions of Holcim Lanka. (Medium Voltage)
- Consultant - Brandix Green Project.
- Designer of the electrical distribution system for Ceylon Petroleum for the new expansion.
- Consultancy service for the First Solar Kiln in Sapugaskanda for Orient Lanka Trading.
- Electrical system design for Pioneer Elastic Factory – Brandix India Apparel City, India
- Electrical system design for Aeromatix Hotel – Pasikuda (Medium Rise)

- Evaluation of electrical safety of the total distribution system of the distribution system and proposal on relevant upgrades to meet standards BS 7671 (IEE Wiring regulation 7th edition), IEEE 80, IEC 62305, etc. Project name – “Power system study on Sapugaskanda refinery”. Client – Resource management associates.
- Electrical installation design and consultancy for, Creative Polymats (Pvt) Ltd, Industrial estate, Dankotuwa.
- In Elastomatic (pvt) Ltd, Piliyandala, HT power panel, power transformer installation and HT cabling and termination task was completed together with BELA international.
- Electrical Safety Audit and Harmonic Analysis at Amava Apparel, Pathein, Myanmar for Sunteks International

Building Services

- Electrical, ELV, Fire and Plumbing design for Proposed New Girls Hostel Building for Visual Art University – Rajagiriya (Medium Rise)
- Electrical, ELV, Fire and Plumbing design for Proposed New Boys Hostel Building for Visual Art University – Dehiwala (Medium Rise)
- Electrical, ELV, Fire and Plumbing design for National Institute of Business Management (NIBM) - Matara
- Electrical and Air conditioning design for Sri Lanka Atomic Energy Board Wellampitiya- For Sri Lanka Land Reclamation Authority.
- Electrical, ELV, Fire and Plumbing design for Proposed New Building for Ayurveda Hospital – Yakkala (Medium Rise)
- Electrical System Design for Proposed Food court at Liberty plaza
- Electrical, ELV, Fire and Plumbing design for Ministry of City Planning, Water Supply and Higher Education – For Sri Lanka Land Reclamation Authority
- Electrical, ELV, Fire and Plumbing design for Girls Hostel Complex at Ayurveda University Rajagiriya – For Nirmana Consultants
- Electrical, ELV, Fire and Plumbing design for Boys Hostel Complex at Ayurveda University Rajagiriya – For Nirmana Consultants
- Electrical, ELV, Fire and Plumbing design for Vocational Training Center – Niyagama for Engineering Consultants
- Design and installation of power distribution system at Onril (Pvt) Ltd Katana.
- Electrical and ELV design for Office and Store Building for RML Logistics (Ongoing)
- Electrical and ELV design for Mix Development Building at Thimbirigasyaya for NEAT Solutions (Pvt) Ltd
- Design of Fire Protection System for Funadhoo Fuel Tank Farm, Maldives as per NFPA guidelines for Firepro Maldives (Pvt) Ltd
- Design of Fire Protection System at ‘Small Scale Waste to Energy Project at S.Hithadhoo’ Maldives for Limno Maldives (Pvt) Ltd

Conceptual Electrical Design

- Complete electrical design (Conceptual) for Middle class housing complex in Nugegoda for Design Advocacy (Pvt) Ltd (450 Houses) (Low Voltage and Medium Voltage)
- Conceptual design for the new project of Bambalapitiya Flats. (2800 Luxury houses and 400 middle class houses) (Low Voltage and Medium Voltage)
- Conceptual Electrical design for Keels City for Access Energy solutions (Pvt) Ltd.

Lightning Protection System Design & Consultancy Services

- Lightning Protection System Designing for Mannar Wind Power Plant-Administrative Building (Access)
- Evaluation and Design of Lightning Protection System for Link Natural Products (Pvt) Ltd, Kapugoda
- Evaluation and Design of Lightning Protection System for CBL Foods International (Pvt, Ranala
- Lightning Protection System Designing for WKK Quarry Plant
- Lightning Protection System Designing for Access Tower II
- Lightning Protection System Designing for LankaCom Telecom Tower- Monarch Residencies, Colombo
- Lightning Protection System Designing for LankaCom Telecom Tower- Sovrano 39
- Evaluation and Design of Lightning Protection System for LTL Transformers (Pvt) Ltd
- Lightning Protection System Designing for Glaxo Wellcome Ceylon Ltd
- Lightning Protection System Designing for Glaxo SmithKline Beecham (Pvt) Ltd
- Lightning Protection System Designing for Holcim Lanka Ltd
- Lightning Protection System Designing for Nestle Lanka PLC, Makandura
- Lightning Protection System Designing for Noratel International (Pvt) Ltd
- Lightning Protection System Designing for Dimo, Weliweriya and Siyambalape
- Inspection and Testing of Earth & Lightning protection System at Noratel International (Pvt) Ltd. (2013)
- Evaluation of lightning protection system, Earth Rod Resistance Test for Glaxo Wellcome Ceylon Ltd (2014)
- Supply and Installation of a Lightning Protection System for Glaxo SmithKline Beecham (Pvt)Ltd (2014)
- Supply and Installation of a Lightning Protection System and earth enhancement for Holcim Lanka Ltd (2014)

Testing Division

Services

Testing

“Our division serves customized Testing, Commissioning & Auditing needs and comprehensive requirements ”

Testing & Commissioning LV/MV New Installations

Carrying out inspections & tests on LV/MV electrical installation to verify its compliance with BS/IEC Standards & utility requirements under supervision of Consultant.

We provide guidance & expert opinions to address issues identified during commissioning.

Electrical Safety Audits

Carrying out inspections, tests & measurements verifying a safe environment to human & electrical equipment.

Energy Audits

Precise measuring & detailed analysis verifying efficient utilization of energy.

Condition monitoring

Overall electrical distribution system will be inspected by Qualified Engineers & Chartered Engineers while conducting tests & measurements.

Assess existing condition of the system identifying areas requiring further improvements and provision of recommendations.

Testing & Commissioning Solar Installations (Rooftop/Ground Mounted)

Conducting Pre-commissioning & Commissioning tests to verify installation's compliance with the utility requirements and not to remain any defects/anomalies when utility personnel's arrival for commissioning. Providing all tests & related services during commissioning

Portable Appliance Testing

Examination of electrical appliances & equipment (Class I & Class II) to ensure safety to use, identifying safety defects through visual inspection, electrical tests & documentation

Periodical Electrical Panel & Transformer Servicing

Servicing electrical panels, transformers etc., switchgear service, tightness verification according to supplier's/manufacturer's instructions

Chartered Engineer's Certification

Issuance of Chartered Engineer's Certification upon conducting inspections & tests verifying compliance with BS/IEC standards

High Voltage Systems (> 1 kV)

- **Protection Relay Test**

Protection settings calculation, configuring, coordination for protection functions (Overcurrent, Earth fault, voltage, frequency, NVD, ROCOF, Vector Shift, LVRT, Transformer/generator differential, Restricted earth fault etc.)

- **Current Transformer (CT)/ Potential Transformer (PT) Test**

Insulation resistance test, Ratio test, Polarity test, Knee point test, Winding resistance test

- **Dielectric Withstand Voltage Test (Hi-Pot)**

AC / DC high voltage test on transformers, HV cables, Switchgear panels, Busways etc. up to 100 kV (AC) or 140 kV (DC)

- **Insulation Resistance & Dielectric Absorption Ratio**

Test on cables, busbars, circuit breakers, Power Transformers, CT, PT etc.

- **Functional Test**

Mechanical/electrical operations, interlocks & indications etc.

- **Measurement Instrument Validation**

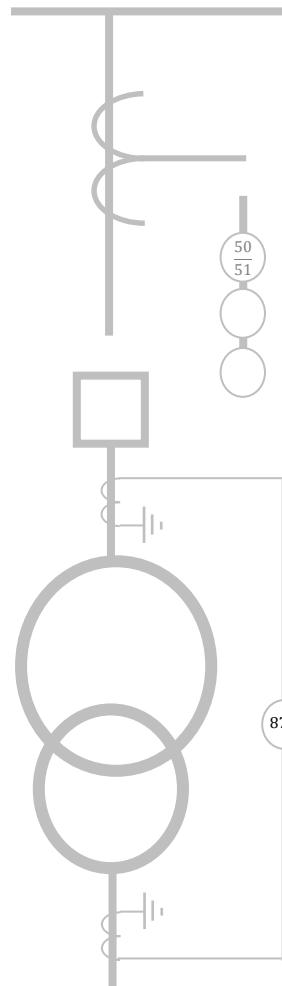
Validating Ammeters, Voltmeters, Multi-Function Meters (MFM) with primary/secondary injection

- **Contact Resistance Measurement (CRM)**

Tightness/Torque Check, Contact resistance measurement of busbars & circuit breaker contacts

- **Earthing & Bonding Scheme**

Soil resistivity test, Earth electrode test, Bonding validation & Inspections for proper earthing & bonding scheme implementation



Low Voltage Systems (< 1 kV)

- **Conducting tests for BS 7671 Certification**

Inspection on installation, Insulation resistance test, RCCB test, Earth fault loop impedance test, Prospective short circuit test, Earth electrode resistance test

- **Protection Relay Test**

Earth Leakage Relay (ELR), Earth fault relay (EFR), Phase Failure Relay (PFR), Reverse Power Relay etc.

- **Primary Injection Test**

Continuous primary injection up to 3,800 A (with 3 kVA) or 9,500 A for 3 seconds (with 2 kVA)

- **Functional test**

Mechanical/electrical operations, interlocks & indications etc.

- **Earthing & Bonding Scheme**

Soil resistivity test, Earth electrode test, Bonding validation & Inspections for proper earthing & bonding scheme implementation

- **Surge Protection System (Over Voltage Protection)**

Inspection of SPD connections, verification for its proper selection, suitability and condition

- **Lightning Protection System**

Integrity assessment: Inspection on air terminations, down conductors, earth terminations, Verification of continuity, Earth electrode test

Protection volume assessment as per IEC 62305



Power Transformers

- **Visual Inspection**

Inspections on transformer installation, components for deterioration, earthing scheme, alarm & indication circuits, temperature controllers & cooling fan operation functions, OLTC & RTC units etc.

- **Tests on Transformer (Oil / Dry)**

Insulation resistance test, Ratio test, Vector group test, DC Winding Resistance test, Withstand voltage test

- **Tests on Transformer Oil**

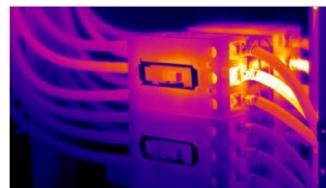
Oil Breakdown voltage (BDV) Test, Dissolved gas analysis (DGA) test



Other Services

- **Thermography Survey**

Capturing Images, Analysis Report with Recommendations



- **Dielectric Withstand Voltage Test (Hi-Pot)**

AC / DC high voltage test on transformers, HV cables, Switchgear panels, Busways etc. up to 100 kV (AC), 140 kV (DC)



- **Data Logging & Power Quality Analysis**

Data logging of voltage (up to 1,000 V), current (up to 3,000 A), power (Active, reactive, apparent), frequency, power factor, individual harmonics (up to 50th), THD, Flicker, Sag, Swell, interruptions etc.

- **Portable Appliance Test**

Insulation resistance, earth continuity, polarity of electrical appliances using Kyoritsu professional instrument and visual inspection by qualified engineer



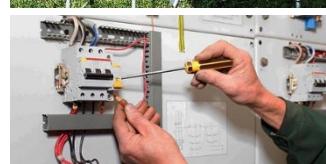
- **Solar Installations**

Pre-Commissioning Tests & Inspections, Power Quality Analysis, Protection Relay test



- **Panel Servicing with Testing**

Cleaning & servicing panels, switchgear, cable connections, busbar connections, control wiring connections and transformers under engineers' supervision + Testing + documentation



Our Key Projects



Camso Loadstar, Ja-Ela
Conducting visual inspection on a Transformer by
Senior Electrical/Energy Consultant
Eng. Rienzie Fernando



Storm Water Pumping Station, Ambatale
Conducting visual inspection on a Transformer by
Consultant Eng. RK Alpitiarachchi



National Paper Mills, Valaichchenai
Inspection of aged HV feeders by Senior Consultant
Eng. DGR Fernando



Storm Water Pumping Station, Ambatale
Conducting transformer oil breakdown voltage (BDV) test



Storm Water Pumping Station, Ambatale
Visual inspection on 3.3 kV Vacuum Circuit Breakers
by Consultant K.L.U. Sirisena



Melwire Steel Factory
Conducting tests for commissioning 33 kV ICG panel at
2.2 MW Solar Installation for LTL Transformers (Pvt) Ltd.



Waterfront Integrated Project
Conducting Dielectric Withstand Test



Waterfront Integrated Project
Conducting Dielectric Withstand Test



Water Treatment Plant, Rattota
Conducting Air Circuit Breaker (ACB) Test &
Protection Relay Test for Greater Matale Water
Project [EPC Consultancy (Pvt) Ltd.]



1 MW Solar PV installation, Mihintale
Testing & Commissioning of Solar Installation for DPS
Energy (Pvt) Ltd



Storm Water Pumping Station, Ambatale
Conducting Insulation Resistance Test on Vacuum
Circuit Breaker (33 kV Switchgear)



On320 Residencies
Conducting Thermography Survey for ASK Engineering
Services (Pvt) Ltd



INSEE Cement Factory
Data logging for power quality analysis at secondary terminals of 3.3 kV/400 V transformer for LTL Holdings (Pvt) Ltd.



Conducting Soil Resistivity Test at a construction site for designing earthing system



Waterfront Integrated Resort Project
Conducting Insulation Resistance Test on Busway System of 48 storied building



Lanka Hospitals Corporation
Testing Residual Current Circuit Breakers at a consumer end electrical distribution board



North Lock Gates & Pumping Station
Inspection of 11 kV Switchgear Panel Circuit Breaker Compartment by consultant Eng. R.K. Alpitiarachchi



Cinnamon Red Hotel & Apartments
Capturing thermal images of terminals of a dry type transformer for DIMO (Pvt) Ltd.



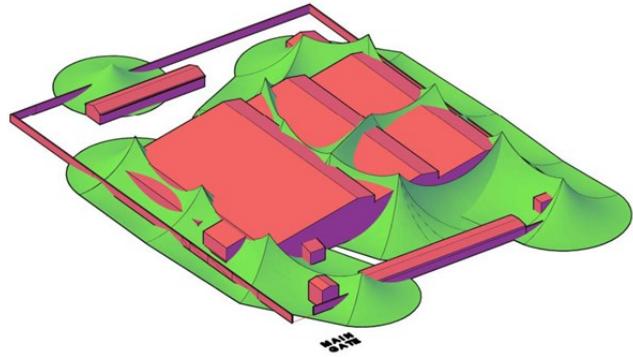
Defense Headquarters, Akuregoda

Conducting Dielectric Withstand Test (HiPot Test) on 33 kV Vacuum Circuit Breaker for Ceylex Engineering (Pvt) Ltd.



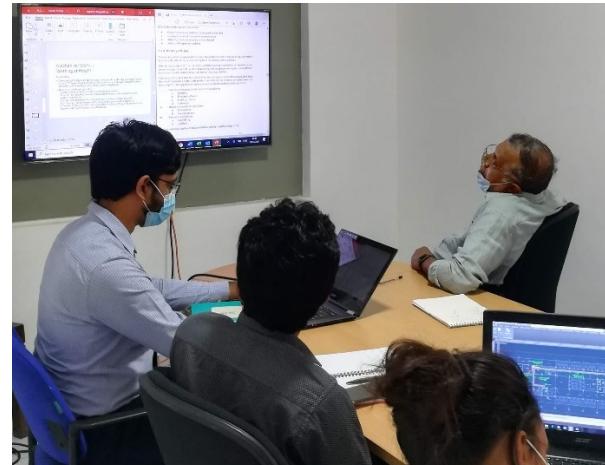
World Trade Centre

Consulting WTC (World Trade Center) during Lightning Protection & Earthing System integrity evaluation by Consultant Eng. R.K. Alpitiarachchi



LTL Transformers, Angulana

Evaluation of Lightning Protection System coverage volume as a part of Comprehensive Electrical Safety Audit and provision of recommendations as per Std. IEC 62305



Review of consultancy reports by veteran senior consultant
Eng. Rienzie Fernando

Our Project List

Electrical Safety & Energy Audits

Conducted Electrical Safety Audits as per BS 7671 (LV), safety awareness workshops and issued compliance reports to review & ensure safety of Electrical Installations including Medium & Low Voltage.

- Concord Apparels, Pathein, Myanmar
- MAS Bodyline – Horana
- MAS Bodyline - Agalawatte
- Lanka Hospital, Colombo 05
- LTL Transformers, Angulana
- CBL Foods International (Pvt) Ltd, Ranala
- Packages Lanka (Pvt) Ltd, Ja-Ela
- Taj Samudra Hotel, Colombo
- Ceylon Tobacco Company : Colombo, Kandy & 12 Distribution centers
- 747 Hanger, Sri Lankan Airlines, Bandaranayake International Airport
- Hay Mat (pvt) Ltd, Galle. (Safety and energy audit + modification of electrical distribution system + installation of suitable protection system)
- 5-star Hotels of Aitken Spence group
- Cinnamon Hotel (John Keells)
- Hilton Hotel
- Jungle Beach Hotel
- Uga Bay Hotel (ICC Group)
- Ulugalla Hotel (ICC Group)
- Keells Supermarket, Kalubowila Outlet

Thermography Survey on Electrical Installations

Introduced Thermal Imaging of Electrical Installations to Sri Lankan Consultancy industry and carrying out thermal imaging audits successfully.

Power Stations & Substations

- Asia Power Station, Sapugaskanda
- CEB Substation Panadura
- CEB Substation New Chilaw
- Bio mass plant, Tokyo cement China Bay, Trincomalee
- Seethawaka Grid Substation 31.5 MVA Transformer
- VPower 24 MW Emergency Power station, Horana
- VPower 24 MW Emergency Power station, Galle
- VPower 24 MW Emergency Power station, Pallekele
- Bolawatta Grid Substation 31.5 MVA Transformer

Residencies/ Apartments

- Havelock City, Sri Lanka
- Iceland Residencies, Colombo, Sri Lanka
- Monarch Residencies, Colombo, Sri Lanka
- On-Three-20 Residencies, Colombo

Industries

- Amava Apparel, Pathein, Myanmar
- Noratel International, Sri Lanka

- Agio Tobacco Processing, Biyagama, Sri Lanka
- Ceylon Tobacco Company (Colombo & Kandy), Sri Lanka
- GSK, Aththidiya, Sri Lanka
- Holcim Cement Factory, Puttalam, Sri Lanka
- Unilever tea factory (CT), Thalawakele, Sri Lanka
- Ceylon Biscuits Ltd, Ranala, Sri Lanka
- Bodyline (Pvt) Ltd – Horana, Sri Lanka
- Bodyline3 (Pvt) Ltd, Agalawatta, Sri Lanka
- Brandix Casual Wear – Seeduwa, Sri Lanka
- Omega Line (Pvt) Ltd – Makandura, Sri Lanka
- T&S Buttons (Pvt) Ltd. – Biyagama EPZ, Sri Lanka

Hotels

- Cinnamon Lakeside Hotel, Colombo, Sri Lanka
- Cinnamon Red, Colombo, Sri Lanka
- Galadari Hotel, Colombo, Sri Lanka
- Hilton Hotel, Colombo, Sri Lanka
- Taj Samudra Hotels, Colombo, Sri Lanka
- OZO Hotel, Kandy, Sri Lanka
- OZO Hotel, Colombo, Sri Lanka

Commercial Buildings

- World Trade Centre, Colombo, Sri Lanka
- Iceland Business Center, Colombo, Sri Lanka
- Unilever Head office, Colombo, Sri Lanka
- Aitken Spence Printing, Sri Lanka
- Print Care Group, Sri Lanka
- Unilever, Grandpass, Sri Lanka

Banks

- Standard Chartered Head Office & branches, Sri Lanka [Green Tech Consultants (Pvt) Ltd.]
- HSBC Global Resourcing, Rajagiriya, Sri Lanka
- Nations Trust Bank Head Office, Sri Lanka

Hospitals

- Lanka Hospitals, Colombo, Sri Lanka

Restaurants

- KFC, Jawatta, Sri Lanka

Outsourcing & hiring clients

- Dimo Engineering, Sri Lanka
- Voltas Engineering, Sri Lanka
- Schneider-electric Sri Lanka
- Green Tech Engineering Consultants (Pvt) Ltd
- ASK Engineering, Sri Lanka
- Access Engineering, Sri Lanka
- K2 Consultants (Pvt) Ltd, Sri Lanka
- OLEX Projects (Pvt) Ltd., Sri Lanka

High Voltage Testing

- 24 MW VPower Emergency Power Plant – Hambantota
- 24 MW VPower Emergency Power Plant – Horana
- 24 MW VPower Emergency Power Plant – Pallekele
- 24 MW VPower Emergency Power Plant – Galle
- 24 MW VPower Emergency Power Plant – Valaichchenai
- CEB Grid Substation – Dehiwala [New Royal Electricals (Pvt) Ltd.]
- CEB Grid Substation – Madampe [New Royal Electricals (Pvt) Ltd.]
- CEB Grid Substation – Kolonnawa [New Royal Electricals (Pvt) Ltd.]
- CEB Grid Substation – Colombo B [New Royal Electricals (Pvt) Ltd.]
- Waste to Energy Power Plant, Kerawalapitiya
- Paper Mill Factory (NPC), Valaichchenai
- Storm Water Pumping Station (SWPS) - Ambathale
- North Lock Gates & Pumping Station (NLGPS) – Wellampitiya
- Waterfront Integrated Resort (Building 4 & 5) – Colombo
- Defense Headquarters Complex (DHQC) – Akuregoda, Sri Jayawardapura Kotte
- Dehiwala Grid Substation 11 kV SF6 Gas Insulated Panel – Dehiwala

Protection Relay Testing

- Greater Matale Water Project – Water Treatment Plants, Intake Pumping Stations and Intermediate Pumping Stations at Matale, Rattota, Ambanganga, Ukuwela [EPC Consultancy (Pvt) Ltd.]
- Storm Water Pumping Station, Ambatale – 33 kV, 3.3 kV System & Soft starter Panels
- St. Sebastian North Lock Gates & Pumping Station, Wellampitiya – 11 kV, 3.3 kV System and Soft Starter panels
- Cinnamon Red Hotel, Colombo [Dimo Lanka] – 11 kV RMU Panel
- INSEE Cement Factory, Puttalam
- Ceylon Tobacco Company, Colombo
- Ceylon Tobacco Company, Kandy
- LTL Transformers, Angulana
- Ace Power, Embilipitiya
- Asia Broadcasting Corporation (HIRU), Thalawathugoda [LTL]
- Western Province Council, Battaramulla [Schneider Sri Lanka]
- Helmut Kohl Maternity Hospital, Karapitiya [VeePower]
- UDA Urban Regeneration Project, Borella [Access Engineering]
- CBL MV Expansion, Kottawa [Voltas Engineering (Pvt) Ltd.]
- Distilleries Company of Sri Lanka [Schneider Sri Lanka]
- Roof Mounted Solar, Vario System
- Kotmale Dam [Walkers CML]
- Roof Mounted Solar, Brandix Factory Batticaloa [Dimo Lanka]
- Roof Mounted Solar at MAS Linea Intimo [Nikini Automation (Pvt) Ltd.]

Solar PV installations

- Inspection, Testing and Commissioning of Solar PV installations [Nikini Automation Systems (Pvt) Ltd.]
- Inspection, Testing and Commissioning of 1 MW Solar PV installation, Mihintale [DPS Energy (Pvt) Ltd.]
- Protection relay test & power quality analysis of 2.2 MW Solar PV installation, Ittepana [EGHL Matugama (Pvt) Ltd.]
- Power Quality Analysis of 1 MW Solar PV installation, Vavniya [Hienergy Services (Pvt) Ltd.]
- Protection relay test & power quality analysis of 1 MW Solar PV installation at Ceytec Packaging (Pvt) Ltd, Katunayake [Solaris Energy (Pvt) Ltd.]
- Protection relay test of 1 MW Solar PV installation, Bellana [SEI Matugama (Pvt) Ltd.]
- Protection relay test of 1 MW Solar PV installation, Vavniya [Hienergy Services (Pvt) Ltd.]
- Protection relay test of 1 MW Solar PV installation, Embilipitiya [DIMO Lanka (Pvt) Ltd.]
- Protection relay test of 1 MW Solar PV installation, Ambanpola [Rotax (Pvt) Ltd.]
- Protection relay test of 1 MW Roof Mounted Solar PV installation at CBL Ranala [Energynet (Pvt) Ltd.]
- Protection relay test of 1 MW Roof Mounted Solar PV installation at CBL Horana [Energynet (Pvt) Ltd.]
- Protection relay test of 1 MW Roof Mounted Solar PV installation at Ruhunu Foods, Pallekele [First Energy SL (Pvt) Ltd.]

Earthing Systems

- Lakvijaya Thermal Power Station, Puttalam – Earthing System verification test for Step Potential
- AES Kelanitissa Power Station - Testing of Earthing and Providing chartered Engineer's Certificate [2015]
- World Trade Centre (WTC), Sri Lanka – Earthing & Bonding Scheme & Lightning Protection System Evaluation (2021)
- Asia Power (Pvt) Ltd. – Testing of Battery bank and Earthing System (2015)
- Camso Loadstar, Ja-Ela – Earth to Electrode Resistance, Soil Resistivity Measurements and bonding verification
- 13 Nos. of 33 kV CEB Soil Resistivity Tests for design [2020/21]
- Thambapawani 100 MW Mannar Wind Farm – Soil Resistivity Measurements for Earthing Designs
- Habarana Grid Substation – Soil Resistivity Test
- Dehiwala CEB Substation – Substation Earthing Design
- Nestle Lanka PLC - Testing of 91 Nos of Earth Electrodes and evaluation of the lightning protection system (2008-2015)
- Nestle Lanka PLC - Annual earth electrode testing (2014-2017)
- Earth Electrode Testing, Testing & Analyzing done at RR Donnelly Outsource (Pvt) Ltd. (2015)
- Earth Testing done for SmithKline Beecham (Pvt) Ltd. (2015)
- Earth electrode adequacy test at Data Entry International Ltd (2013)
- Earth Rod Resistance test for Glaxo Smith Kline (Pvt) Ltd. (2014)
- Providing of Earth Electrode Resistance Report to Nikini Automation System (Pvt) Ltd (2014)

Testing & Measuring Instruments



Insulation Continuity Tester

Make: KYORITSU

Model: MODEL 3005A & MODEL 3007A



Digital PSC-Loop Tester

Make: KYORITSU

Model: MODEL 4118A



Digital RCD (ELCB) Tester

Make: KYORITSU

Model: MODEL 5406A



4 Terminal Earth Resistance & Soil Resistivity Tester

Make: Megger

Model: DET4TD2



Digital Earth Tester

Make: KYORITSU

Model: KEW 4105A



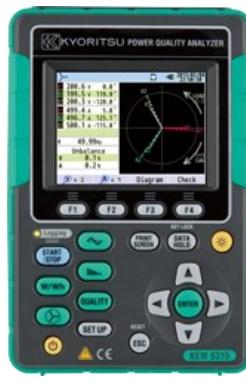
High Voltage Insulation Tester

Make: KYORITSU

Model: KEW 3125A

**Portable Appliance Tester**

Make: KYORITSU
Model: KEW 6205

**Power Quality Analyzer**

(I range: 0-3000 A, V range: 0-1000 V)
Make: KYORITSU
Model: KEW 6315

**Thermal Imaging Camera**

Make: FLIR
Model: T335

**Relay & Substation Test System**

Make: Megger
Model: Sverker 900



Hi-Pot Tester

Make: Huayi Electric
Model: GTB15KVA



3 Phase DC Resistance Tester

Make: Kvtester Electronics Technology Co. Ltd
Model: ZC-205-20A

Micro Ohm Meter (Contact Resistance)

Make: Megger
Model: MJOLONER200



Oil Breakdown Voltage (BDV) Tester

Make:
Model:



Transformer Ratio Tester

Make: Kvtester Electronics Technology Co. Ltd
Model: ZC-203C



Leakage Current Tester (1 mA – 1000 A)

Make: HIOKI
Model: 3293-50



Circuit Breaker Analyzer

Make: SCOPE T&M Pvt Ltd
Model: HISAC SWIFT



Automatic Micro Ohm Meter

Make: Lancheng HV
Model: HLY-301B

**Multi-function Electric Energy Meter Calibrator**

Make: Lancheng HV
Model: LCDM 423D

**Primary Injection Testing System**

Make: SMC
Model: Raptor

**Thermal & Visual Imaging Imaging Drone**

Make: DJI
Model: Mavic 2 Enterprise Advanced

**Socket Tester**

Make: ANENG
Model: AC11

**Laser Distance Meter**

Make: SNDWAY
Model: SW-T40

**Phase Rotation Indicator**

Make: KYORITSU
Model: KEW 8031



GPS Tracker

Make: GARMIN
Model: eTrex 20



Digital Light Meter

Make: KYORITSU
Model: 5202



Rigid Borescope Kit

Make: OLYMPUS
Model: R080-043-045SW115-50



Voltage Detector Pen

Make: KYORITSU
Model: KEW 5711



Temperature & Humidity Meter

Make: Uni-T
Model: UT333S



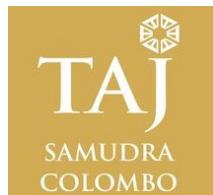
True RMS Multimeter

Make: FLUKE
Model: FLUKE 177

Our Clients



CEYLON ELECTRICITY BOARD



Unilever



Good Food, Good Life



Link Natural Products

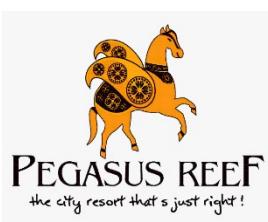


Industrial Technology
Institute
Sri Lanka



BODYLINE
Horana
Since 1996

THE GATEWAY HOTEL
AIRPORT GARDEN COLOMBO





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