



DURASUN ELECTRICS PROJECTS

Durable Solution Provider



Registered Office:

500/2, Bhuvaneswari Nagar,
Neyveli, 607802

www.durasunprojects.com

Office:

5B/149, Cuddalore Main Road, Neyveli, Tamil Nadu – 607802
10, Aiyyanar Nagar, 2nd Cross, Puducherry – 605013

Electrical Energy Efficiency Solutions Since 2015

- Founded by Rtn. Balaji Gurumurthy, Durasun Electrics Projects specializes in electrical energy efficiency, automation, and power quality solutions.
- We've helped 300+ organizations across industries, factories, hotels, and commercial buildings optimize electricity usage and reduce operational costs by 20-40%.



■ Mission

To deliver reliable, energy-efficient electrical solutions through advanced engineering and customized power quality systems.

■ Vision

To become a leading power quality solutions provider across India, known for innovation, durability, and performance.

■ Our Services

- Transformers & Electrical Infrastructure Solutions
- LV & HT Switchgear Systems
- Capacitor Panels (APFC)
- Drive Panels & Automation
- Harmonic Analysis (AHF, SVG Solutions)
- Energy Audits & Energy Management Systems
- Supply, Erection & Commissioning Services

Company Overview

Durasun Electrics Projects is a trusted electrical contractor and solution provider specializing in advanced power quality and energy efficiency solutions. With a strong presence in industry networks across India, we deliver reliable, high-performance systems tailored for industrial and commercial clients.

Our Business Strategy

We follow a solution-first approach, analyzing power quality issues like harmonics and load behavior before recommending the right system.

Our strategy focuses on energy efficiency and cost savings, helping clients reduce EB penalties and improve long-term performance.

We target high-value industrial clients with customized, technology-driven solutions to build long-term relationships and scalable growth.

Why Choose Us

- Strong Engineering Expertise
- Customized Solutions (No One-Size-Fits-All)
- Focus on Energy Efficiency & Cost Effective
- Reliable Execution & Timely Delivery
- Long-Term Client Support

Backed by strong engineering expertise, we ensure reliability, safety, and optimal performance. Our solutions are designed for long-term efficiency and operational excellence.

Key Achievements

- Implemented active harmonic filter solutions for central vista (Indian Parliament)
- Implemented Remote Power Engineering Station with Schneider Flag ship product ION 9000 T.
- Completed NLC Mine 1A power factor correction 54 numbers.
- Completed public addressing system across NLC thermal power station 1 expansion / 2 / 2 expansion
- Completed numerous projects with NLC India Limited on power factory correction / protection relays / automatic change overs
- Implemented Remote Engineering Station in Thermal Power Station-II with Numerical Relays
- Retrofitted, Tested and Commissioned ABB 36kV Breaker within a single day
- Executed remote monitoring systems at NLC Water Treatment Plant
- Introduced 33kV underground cable fault locator (first in Neyveli)
- Supplied 100 Smart EMS Systems to L&T (2016)
- Delivered Schneider 11kV RMUs (2017 & 2020)
- Executed VFD projects at NLC (2019-2020)
- Installed large-scale Capacitor Panels (200kVAr, 100kVAr, 75kVAr)
- Commissioned 3000A ACB systems (15 Nos)
- Delivered Active Harmonic Filter solutions across multiple plants

Our Values

01. Company Value

We deliver reliable and high-quality electrical solutions that create long-term value. Our commitment is to performance, safety, and efficiency in every project. We focus on building trust through consistent results and professional service. Customer satisfaction remains the foundation of everything we do.

02. Guided by Integrity

We believe integrity is the foundation of every successful relationship, and we maintain complete transparency in our processes and communication. Every commitment we make is honored with responsibility and accountability, ensuring ethical practices at every stage of our projects. Our clients trust us because we consistently deliver on our promises, avoiding shortcuts and focusing on long-term reliability. We value honesty in both success and challenges, and our decisions are guided by fairness and professionalism. Integrity drives us to build strong, lasting partnerships with our clients.

03. Build the Team

We nurture a culture of collaboration and continuous learning. Our team is empowered to grow both professionally and personally. Strong teamwork helps us deliver consistent and quality results.

04. Become the Leader

We aim to lead through innovation and technical excellence. Our focus is on setting new benchmarks in energy solutions. We continuously evolve to stay ahead in the industry.

05. Think Creatively

We approach every challenge with innovative thinking. Our solutions are designed to be smart and efficient. Creativity helps us deliver customized solutions for every client.

06. Work with Passion

We bring dedication and enthusiasm to every project we handle. Our passion drives us to exceed customer expectations. We take pride in delivering excellence with every solution.



Enduring Excellence

4000+

Satisfied Clients

We take pride in building strong relationships through consistent quality and trust.

Our clients value our commitment to performance and reliable service.

Customer satisfaction is reflected in our repeat business and referrals.

10 Lakhs

Products Delivered

We deliver high-quality electrical systems tailored to industry needs.

Each product is engineered for performance, safety, and efficiency.

Our solutions ensure long-term reliability and operational excellence.

1000+

Power Quality Audits

We focus on creating mutually beneficial partnerships with our clients.

Our approach ensures transparency, value, and long-term collaboration.

Every deal is driven by trust, quality, and performance commitment.





HT capacitor panel in a mines conveyor area to improve power factor correction

54 Qty Supplied to improve power factor across machines in all mines of NLCIL



High-Performance RMU & Medium Voltage Switchgear Panels for Safe, Reliable & Efficient Power Distribution.

60 Qty Supplied to - Ring main units to NLCIL



75 kVAr panels installed at mines BWE

Critical applications where panel installations is difficult, more than 400 panels supplied and fixed across mines LV capacitor fixed panels installed in all machines @ NLCIL to improve power factor



12 kV vacuum circuit breaker retrofit

Supply, Testing, Retrofit and commissioning of 28 nos of 1250A from MOCB to Schneider make VCB



12/30/2023			3/6			12:38pm		
Metering			Performance					
	Source			Load				
	L1	L2	L3	L1	L2	L3		
THDi	2.3%	2.2%	2.3%	30.5%	30.2%	29.0%		
THDv	4.0%	4.5%	3.7%					
DPF	0.965			0.964				
Fundamental		L1	L2	L3	N			
Load Current	666A		810A	833A	20A			
Source Current	661A		804A	826A	20A			
Voltage (L-L)	413.3V		418.1V	406.7V				
 Stop System						 		

Active harmonic filter for complex applications

Experts in harmonic filtering and reactive power management.

Solution for iTHD < 8% and PF near by unity.



Advanced HAZOP Control Panels Designed for Industrial Safety,
Monitoring & Reliable Power Management

Installed in all units of thermal stations



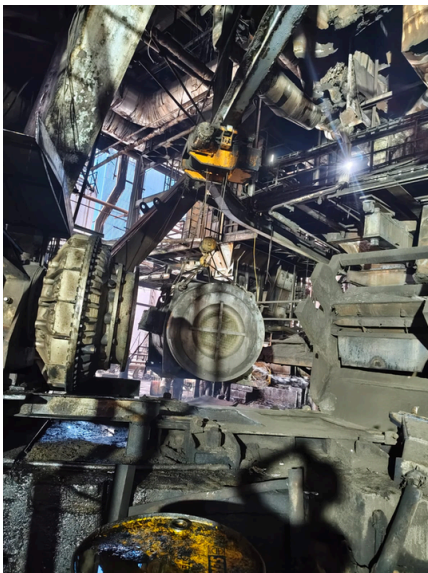
Lake pump substation @NLC TPS 1 expansion

Supply, erection, testing commissioning of 33/3.3KV
2mVA transformers, 3.3KV MV switch gear panel,
3.3/440 V transformer, LV switch gear panel



22 kV vacuum circuit breaker

Supply & commissioning of 22kV vacuum circuit breaker at
Nithya Packaging, Puducherry.



Services - 6.6 kV mill motor maintenance

Maintenance of mill motor in thermal power station 2
including hoist and cables, also we execute VFD
maintenance HT panels maintenance ESP Electro
Static Precipitator Panels



Main Incomers



ACB



MCCB



VFD Panels

INTEGRATED ENGINEERING SOLUTIONS & SYSTEM ARCHITECTURE

POWERED BY
INDUSTRY LEADERS:
SCHNEIDER, ABB, L&T



Protection Relays



Hybrid Filters



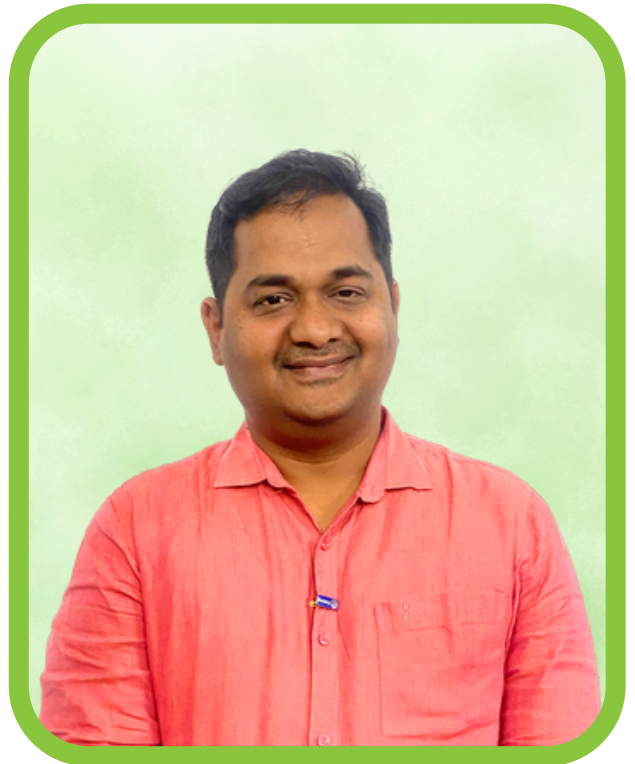
Schneider Switches

Powerhouse

Rtn. Balaji Gurumurthy

Founder

An experienced energy auditor with over 20 years in managing diverse and complex electrical solutions. Specializes in reactive power management, conducting power quality audits, and implementing effective solutions.



What to Expect

Reliable, high-performance electrical solutions designed for durability.

Professional execution with timely delivery and expert support.

A trusted partner focused on long-term value and customer satisfaction.

By 2031

Goal

- Robotic advancement and seamless integration.
- Technical advancements and implementation in the field of reactive power management.
- World class facility to demonstrate industry 5.0 / upgrade levels.

Focus

- Accelerate technological advancements like Hydrogen and Green Energy Infrastructure.
- Innovations in the field of modern electrical and maintenance.

For Requirements, Please contact

Rtn. G. Alexander – General Manager

Phone No : +91 84898 10777, Email : alex@durasunprojects.com.

Driven by Talented People

Our strength lies in a team of skilled and dedicated professionals.

We combine technical expertise with real-world experience. Every team member is committed to quality, safety, and performance. We collaborate closely to deliver efficient and reliable solutions.

Continuous learning and innovation drive our excellence. Together, we ensure every project meets the highest standards.

DURASUN PROJECTS

Powering Tomorrow's Infrastructure

GET IN TOUCH

Rtn. G. Alexander - General Manager

Phone: +91 84898 10777

Email: alex@durasunprojects.com

Rtn. Balaji Gurumurthy - Founder

A. Balamurugan, Head - Execution.

Website: www.durasunprojects.com

OFFICE ADDRESS

Durasun Electrics Projects

Neyveli, Puducherry, Salem & Madurai.

THANK YOU

We look forward to partnering with you.



www.durasunprojects.com