# PRABHAHARAN DURAIRAJ

15/12, Market Area, Amaravathi Nagar, Udumalpet,Tirupur 642 102

**984 367 3900.** [**prabhahurry@gmail.com**](mailto:prabhahurry@gmail.com)

## ELECTRICAL ENGINEER

A Graduate in Electrical & Electronics Engineer familiarized in Power systems, energetic, ambitious and team-oriented individual. Engineer and construct utility transmission and distribution substation facilities. Create specifications and details for substation layout, equipment arrangement, and electrical construction. Oversee and manage the installation and upgrade of major substation additions and provide support to customer service and generation construction groups.

## EXPERIENCE HIGHLIGHTS

Company Name: **SWOT AQUATECH**

#10, Rajendra Road, Near Railway station, Udumalpet 19/03/2016 – Till date

**Project Manager**

* Identify and develop renewable energy microgrid regionally.
* Develop a detailed project plan, and work breakdown structure to monitor and track progress and identify critical project milestones and path activities.
* Lead Microgrid/Battery Energy Storage System (BESS) project execution & operations.
* Work with backend Microgrid design & engineering team from design to deployment projects.
* Coordinate and engage internal resources and local construction, installation & commissioning vendors to adopt new and reliable project execution methodologies to ensure project risk mitigation and within resource project execution.
* Ensure BESS design and deployment compliance standards are met.
* Work with local BD & sales team to address customer queries and concerns up to the extent possible.
* Travel for in person meetings with sales team/management to address customer queries and concerns regarding the technology & engineering of the Microgrid.
* Co-ordinate with Governments and/or Private Organizations /Authorities to ensure smooth Project execution.
* Responsible for executing Electrical Engineering technical disciplines with primary focus on development, modification of Electrical hardware systems.
* Coordination with maintenance teams for emergency and for planned and breakdown maintenance Evaluate overall project and individual equipment performance and identify means to make improvements or resolve problems.
* Ensure compliance with the environmental compliance program Strictly adhere to safety and environment standards as per the compliances
* Identifies problems and develops corrective action plans Scheduling and execution of preventive and predictive maintenance Travel to project sites and vendor locations as assigned to perform all aspects of on-site installation, repair, maintenance, oversight, and modifications as required Perform electric, hydraulic and mechanical component inspections, testing, repair, and troubleshooting, in accordance with its specifications.
* Provide timely written review reports from field operation, status, and constructive feedback as requested. Responds to emergency call outs.
* Maintenance of batteries and battery chargers.
* Ensure timely completion of break down & shut down jobs
* Ensure safe practices in the function and people
* Record and report all faults, deficiencies, and other unusual occurrences, as well as the time and materials expended on work orders.
* Responsible for all Operation and Maintenance of the Plant

Company Name: **SRI SARAVANA WIND TECHNOLOGIES**

3/247, Bharathi Nagar, Gudimangalam, Tirupur 01/09/09 – 18/03/16 (6Years 6 Months)

# Assistant Engineer

\* Control of 230/33 kV Transmission and Distribution Grid networks. Total Plant capacity of 140MW. \* Load flow Analysis, controlling & Monitoring system frequency and voltages. \*Collect and maintain updated database of network. \*Co-coordinating with Operation managers, Engineers & Field staffs. \*Arrange shutdown at emergencies. \* In the event of feeder Breakdown, take necessary action to restore the system. \*During shortfall of Generation, plan & implementing load shedding. \*Observe Plant & sub-station parameters and take necessary steps. \*Log all the permits issued for work by operation,

Maintenance engineers & ensure safe, efficient and economic dispatch. \*Carry out switching schedules with Co-ordination of engineers. \*Preparing Discrepancy reports regarding operations. \*Prepare daily & Monthly report for Transmission and distribution system.

* In Transformer Breathing holes in silica gel breather should also be checked and cleaned if required, for proper breathing action.
* Design innovative component module replacements for existing machinery that improved functioning for better quality.
* Quickly and easily make product design changes, get to market faster by reducing rework and reusing design data. Checks design functionality and performance, without the need for physical prototypes.
* Operates Electrical equipment and works under hazardous conditions. Maintenance of assigned equipment, including daily check lists and assuring proper maintenance of equipment.
* Design an Engineering Equipment specifications and drawings. Bus configurations and 1-line diagrams.
* To target and assist in the delivery of engineering excellence in safety at assigned site, Ensure compliance with the site.
* Liaise with supervision, management, surveying, planning, safety, quality and commercial teams and provide them with information as required.

Read and understand construction and other drawings, specifications and other technical information, and advise others of the same.

* Assist and support the other engineering and maintenance activities within the department.
* Provide project management and administration activities for assigned work.
* Provide technical support and assistance to other utility working groups.
* Create and document regulatory compliance requirements and policies.
* Support safety, diversity, and social responsibility goals of the department, business unit, and corporation.
* Perform work in a team environment and provide direct support to other utility operational groups.
* Establish professional relationships and work effectively with other departments, utilities, consultants, and government agencies.
* Supervise technical and craft personnel in installation and maintenance activities.

# EDUCATION AND CREDENTIALS

### Bachelor of Engineering, Electrical And Electronics Engineering (BE- EEE),2008

Percentage of Marks – 59.47%

Karpagam College Of Engineering (KCE), Coimbatore -641 032

Approved by AICTE, Accredited by NBA, Affiliated to Anna University, Chennai.

### Higher Secondary Course (HSC), 2004

Percentage of Marks – 61.66%

R.V.G Higher Secondary School (RVG), Udumalpet.

### Secondary School Leaving Certificate (SSLC), 2002

Percentage of Marks – 77.8%

R.V.G Higher Secondary School (RVG), Udumalpet.

#### COMPUTER SKILLS

* + - Operating System **:** MS Windows XP, Vista, Windows 7
* Packages **:** MS Office, Adobe Photoshop
* Design Knowledge : AutoCAD, Primavera

#### AREA OF INTEREST

* Transmission and Distribution
* Power system Protection
* Protection and Control

# PERSONAL DETAILS

Name **:** D PRABHAHARAN

Date of birth **:** 12 - 04 - 87 Age:36

Gender **:** Male

Blood Group **: B**‘Positive

Nationality **:** Indian

Religion **:** Hindu

Father’s Name **:** Mr. V. Durairaj Occupation: Electrician (Retired)

Mother’s Name **:** Mrs. D. Santha Kumari Occupation:SHN (Retired)

Languages **:** (R & W) - English, Tamil.

(Speak) - Tamil, English**.**

Passport No : R1757378

Skype Id : prabhahurry

CONTACT NUMBER

Mobile **:** 98436 – 73900

98945 – 70324

**DECLARATION**

*I, Prabhaharan here by declare that all the information furnished above are true to the best of my knowledge and belief*.

Place:

Date **: (D. PRABHAHARAN)**