

STUDENT CODE: GP122222203

**In quest of career enrichment opportunities in both Renewable & Non-Renewable power sectors
Commissioning & Operation /Maintenance / Project & Site Management with an organisation of
repute**

Synopsis & Competencies

- ⇒ Offering over **16.5 years** of rich experience in Commissioning & Operation of super critical thermal power plants and currently serving as **Assistant General Manager-Shift Charge Engineer** at **SembCorp Energy India Ltd (2x660MW Supercritical Power Plant)**
- ⇒ Certified **Advance Post Graduate Diploma in Renewable Energy** from Teri School Of Advance Studies, New Delhi.
- ⇒ Certified **Solar photovoltaic Off-grid & On-grid Design & installation** engineer from Iacharya Silicon Ltd & NIWE, Govt of India.
- ⇒ Certified to operate **660MW Super Critical Thermal Units** by **Harbin Electric Company, China**
- ⇒ Certified **Boiler Operation Engineer**(Certificate no: 2165) by Tamilnadu Boiler Board, TN, India
- ⇒ Certified **Post Graduate Diploma in Thermal power plant engineering** from National Power Training Institute, Neyveli, Ministry of Power-India able to take O&M of 100 MW and above size thermal unit
- ⇒ Commissioned **800MW MHI Steam turbine, Generator & auxiliaries** in safest manner.
- ⇒ Proficient in managing commissioning, operations in a safest and efficient manner, implementing cost-saving initiatives to conserve energy & optimize efficiency of Thermal power plant.
- ⇒ Well conversant with PVsyst, SketchUp, SAM, RETScreen, HOMER, TRNSYS, SAP PM Modules, LOTO systems, 5S, Behavioural Based Safety & various safety standards followed in large power stations.
- ⇒ Effective communicator and always flexible to learn and adapt to new technologies. Able to work with teams and lead teams to grow along with organization.

Career Features

SembCorp Energy India Ltd Assistant General Manager-SCE June'2015-Till date

- ⇒ From 05-06-2015 to till date handling 660MW Thermal Power plant operations. Well conversant with all kind of start-up, shutdown and emergency operations.
- ⇒ Leading a shift crew for safe and efficient operation & also responsible for the availability & reliability of the plant.
- ⇒ Practicing PTW system & LOTO procedures to ensure Zero incident & accident in the plant.
- ⇒ Implemented cost saving initiatives like heat rate improvement, Start up oil consumption reduction, APC reduction, Water consumption reduction and improved plant availability.

Previous Employment

Larsen & Toubro Ltd Manager May'2013-June'2015

- ⇒ From 20-05-2013 to 04-06-2015 worked as Manager, part of commissioning & operation of 2x800 MW STGI package of Sri Sanjeevaiah Damodaran Thermal Power plant, Krishnapattinam-AP.
- ⇒ Effectively managed operations like Steam turbine & Generator auxiliaries start up - COLD/WARM/HOT, and COD Operations.
- ⇒ Commissioning & Operation 2x800 MW MELCO supplied Generator with its protection and excitation systems and successfully completed COD without any tripping.
- ⇒ Achieved COD operation & smooth handover of documents and spares to customer.

Adani Power Ltd (4620 MW) Deputy Manager Jun'10-May'13

- ⇒ From 01-06-2010 to 18-05-2013, worked as Deputy Manager-**Unit In-charge** reporting to shift in charge, handling control room engineers for all kind of safe, reliable operation during all kind of start-ups, shutdown, and emergency operations of 2x330MW thermal units.
- ⇒ As a unit in charge, well conversant with the Cold start up, Hot Start Up and shutdown of 330*2 MW Power plant and responsible for plant safety & reliability.

MALCO(Vedanta resources Ltd) Engineer Aug'06-May'10

- ⇒ From Aug-2006 to May-2010, worked as an Engineer in O&M of 120 MW (30*4) captive power plant with PF fired boilers.
- ⇒ Acquired skills in Electrical maintenance & maintenance planning activities like PM scheduling and follow up, breakdown analysis, Shut down/major overhauling scheduling, critical spares planning. Conducting vibration monitoring, signature analysis, wear debris analysis for all the rotary equipment / oil tanks, thermography to find out electrical hot spots in high tension circuits to ensure 100% availability & efficiency.
- ⇒ Acquired skills on SAP PM Module and MTCE activities.

Baron Power Ltd Marketing Engineer Sep'04-Mar'05

⇒ Provided Sales & Service of Power Factor Correction system (Power Capacitors, Automatic Power Factor Correction Systems, Harmonics Filters) to Various LT & HT Industries, Shopping malls and IT Buildings.

Trainings

- ⇒ Certified in EnerTran1X:Energy Markets of Today from DelftX.
- ⇒ Certified in Solar Photovoltaic Off-grid & On-grid: Design & Installation from ISL/NIWE/GOI.
- ⇒ Certified in Solar energy design course with SketchUp & PVSYST from Udemy.
- ⇒ Certified in Advance PVsyst training and industry insights from Greenomics World, India.
- ⇒ Certified in Energy audit and conservation in electrical system from Ensave Academy, India.
- ⇒ Certified in Learn to design your own solar home system from Energy swaraj foundation, India.
- ⇒ Certified in Reaching zero with renewable in transport & industry from IRENA.
- ⇒ Received certificate of Star performer in HSE implementation from SembCorp Industries.
- ⇒ Certified in 3 levels of Cyber security & training on Anti Bribery from SembCorp Industries.
- ⇒ Certified in 660MW Thermal Power Units Operation from Harbin Electric Corporation.
- ⇒ Certified in 600MW Thermal Unit Simulator Training from Power Management Institute, NTPC.
- ⇒ Undergone training in Occupation Health Safety & fire fighting systems from USHA FIRE SYSTEMS.

Achievements / Awards

- ⇒ Received Appreciation letter from APGENCO (Customer) for safely & timely commissioning, completion of COD of 2x800MW MHI Steam Turbine & Generator package.
- ⇒ Awarded 600 options under the Long Term incentive Plan (LTIP), Vedanta's Stock Option Scheme linked to company's stock listed in London Stock Exchange (LSE).
- ⇒ Received Performance Award from CEO for the 3rd quarter of FY 2007-08.

Academic

eMasters in Power sector regulation	Indian Institute of Technology-Kanpur	2022-23	Pursuing
Advanced Post Graduate Diploma in Renewable Energy	Teri School of Advance Studies, Delhi	2020	7.95 CGPA
Post Graduate Diploma in Thermal Power plant Engineering	National Power Training Institute, Ministry of Power- India	2006	6.7 CGPA
B.Tech (Electrical & Electronics)	Bharathiyar college of Engg & Tech, Pudhucherry University, Pudhucherry	2004	8.6 CGPA
HSC (XII th)	Thanthai Periyar Govt Hr Sec School, Karaikal, Pudhucherry.	2000	85%
SSLC (X th)	Karaikal Ammayar high school, Karaikal, Pudhucherry	1998	76%

Software Credentials

PVsyst, SketchUp, SAM, RETScreen, HOMER, TRNSYS. Advance level in MS Office, SAP PM & MM Modules.

Personal Information

Nationality	Indian
Marital status	Married
Languages Known	English, Tamil, and Hindi(Expert level)
Hobbies	Motorcycle Touring, Playing Cricket, Table Tennis.

DECLARATION:

I hereby declare that the above-mentioned information is correct to best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

P.Govindhasamy