



Pujari Chaithra

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Summary

Dynamic operations and energy professional with ~6 years of experience driving cost efficiency, leading infrastructure modernization, and enabling sustainable growth through process optimization and cross-functional team leadership

Professional Experience

Manager | GAIL (India) Limited | Uttar Pradesh

- Streamlined power procurement via market based energy trading platforms achieving sustained annual savings of **₹20+ crore**
- Developed and executed **renewable power integration strategy** preserving 873 MWh of clean energy and saving **₹66.23 lakh** during critical infrastructure upgrade
- Enabled quarterly planning, purchase **Renewable energy certificates** driving market transactions to ensure regulatory compliance
- Developed strategy for operational **decarbonization** by installing energy efficient systems, achieving reduction in **3500tCO₂e emissions**
- Spearheaded end-to-end execution of a **₹10.5 crore** control system revamping project, reducing system **vulnerabilities** by **40%**.
- Led system redesign of critical battery infrastructure in alignment with PNGRB & OISD guidelines, enhancing operational reliability and extending **asset lifecycle** by **28%**
- Implemented monitoring tool for 5k+ critical spares of 100+ equipment; Reduced **replacement time** by **20%**
- Drove **process automation** by developing tailored SAP solutions, resulting in a **6.25% reduction** in man-hours and improved **operational efficiency**
- Led the execution of a ₹16 crore infrastructure project, achieving a **37% timeline reduction** through innovative execution strategies
- Reduced unintended power isolation by 50% ensuring **operational continuity** leading to annual saving of **₹20 crore**
- Formulated and executed **strategic maintenance plans** for 500+ key assets, saving **₹1.5+ crore** annually through improved asset reliability

Senior Engineer | GAIL (India) Limited | Uttar Pradesh

- Executed load optimization strategy reducing in-house annual power generation by 1MW and annual expenditure by **₹3.55 crore**
- Boosted energy data accuracy by 40%, saving **₹12+Lakhs** annually through **digitalization** of energy monitoring systems.
- Enabled ISO 50001-certified energy management practices across GAIL installations, ensuring systematic energy performance improvements and regulatory compliance
- Led roof top **solar** plant of 2.5 MW capacity installation, enabling **energy transition** in the petrochemical plant by switching to renewable energy
- Established a standardized baseline framework to assess and monitor the impact of energy conservation initiatives, enabling **data-driven** progress tracking towards organization's **Net Zero targets**
- Implemented 2 no. s **Six-Sigma** projects by identifying opportunities and using automation for Operational Excellence and Quality Management
- Optimized inventory management by implementing Just-In-Time supply contracts via SAP, leading to annual savings of **₹3crore**
- Led the rollout of centralized **data acquisition** system, empowering real-time operational control while maintaining robust cyber safeguards for remote stakeholders
- Executed 4 5S projects by curating incremental improvements in quality & efficiency of 10+ utility plants

Education

B-tech – National Institute of Technology, Warangal| India

Accomplishments and Awards

- Received “outstanding” rating for 2 years leading to promotion to manager in 2024.
- Received letter of appreciation from executive director for successful reduction in false isolation events & increase in reliability
- Achieved Par Excellence for the case study presentation at the 37th National Convention on Quality Concepts (NCQC 2023) Nagpur

License & Certifications

Lean Six Sigma Green Belt, KPMG

Advanced course on climate change and climate action by SCOPE and the Deutsche Gesellschaft fur Internationale Zusammenarbeit (GIZ)

Co/Extra-Curriculars

- Co-Ordinator | Electrical safety week-2024
- Safety Auditor | GAIL-2024
- Executive Member | GAIL Officers Association-2023
- Volunteer | Covid-19 Emergency team
- Won best art award in GGT-3.0 for street art exhibition
- Event Manager | Tech fest NITW'17