

Jamal Rodriguez

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SUMMARY

Experienced Power Plant Operator with over 10 years in the energy sector, specializing in operational excellence and safety management. Proven track record of optimizing plant performance, reducing costs, and leading teams to achieve operational goals.

EXPERIENCE

Senior Power Plant Operator

Jan 2022 - Present

Energy Solutions Corp, Houston, TX

- Increased plant efficiency by 15% through implementation of advanced monitoring systems.
- Reduced operational costs by \$200,000 annually by optimizing fuel usage and maintenance schedules.
- Led a team of 12 operators in achieving a 99% safety compliance rate during audits.

Power Plant Operator

May 2018 - Dec 2021

Green Energy Inc., Austin, TX

- Successfully managed operations of a 200 MW combined cycle power plant, achieving 98% uptime.
- Implemented a new training program that decreased onboarding time by 30% for new operators.
- Collaborated with engineering teams to enhance plant reliability, resulting in a 20% reduction in downtime.

Junior Power Plant Operator

Jun 2015 - Apr 2018

Texas Power Co., Dallas, TX

- Assisted in the operation of a 150 MW coal-fired power plant, ensuring compliance with environmental regulations.
- Monitored and recorded plant performance metrics, contributing to a 10% improvement in operational efficiency.
- Conducted routine equipment inspections and maintenance leading to a 15% decrease in equipment failures.

EDUCATION

Bachelor of Science in Mechanical Engineering

May 2018

University of Texas, Austin, TX • GPA: 3.7

SKILLS

Technical Skills: Power Plant Operations, Safety Management, Preventive Maintenance, Process Optimization

Tools & Frameworks: SCADA Systems, DCS Software, CMMS, Microsoft Office Suite