

Jamal Rodriguez

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SUMMARY

Dedicated and detail-oriented Power Plant Operator with over 5 years of experience in managing plant operations and ensuring compliance with safety regulations. Proven track record in enhancing operational efficiency and reducing downtime through proactive maintenance and troubleshooting.

EXPERIENCE

Power Plant Operator

Jan 2022 - Present

Energy Solutions Corp, Phoenix, AZ

- Increased plant efficiency by 15% through optimization of system controls and processes.
- Reduced operational costs by \$250,000 annually by implementing a predictive maintenance program.
- Executed routine maintenance and troubleshooting for turbine generators, ensuring 99% uptime.

Assistant Power Plant Operator

Jun 2018 - Dec 2021

Green Energy Inc., Tucson, AZ

- Supported daily operations of a 150 MW power plant, contributing to a 10% reduction in fuel consumption.
- Monitored and recorded operational data, assisting in the preparation of regulatory compliance reports.
- Trained new staff on safety protocols and equipment operation, enhancing team efficiency.

Power Plant Technician

May 2016 - May 2018

Solar Power Innovations, Tempe, AZ

- Performed troubleshooting and repair on solar inverters, achieving a 20% increase in energy output.
- Assisted in the installation of new solar panels and systems, completing projects ahead of schedule.
- Maintained compliance with safety standards, leading to zero incidents over two years.

EDUCATION

Bachelor of Science in Electrical Engineering

May 2018

University of Arizona, Tucson, AZ • GPA: 3.7

SKILLS

Technical Skills: Power Plant Operations, SCADA Systems, Preventive Maintenance, Turbine Management

Tools & Frameworks: AutoCAD, PLC Programming, HMI Systems