

Akaiya Lacapria

Power Plant Operator

Profile

Dedicated and safety-focused Power Plant Operator with 2 years of experience in efficiently operating and maintaining power plant equipment to ensure optimal performance. Proficient in monitoring control systems, conducting routine inspections, and implementing preventative maintenance programs. Demonstrates strong problem-solving abilities, excellent communication skills, and adherence to regulatory compliance, contributing to a reliable and sustainable energy production process.

Employment History

Power Plant Operator at New York Power Authority, NY

Apr 2023 - Present

- Successfully managed the operation of a 500 MW power plant, ensuring a consistent and reliable energy supply to over 400,000 households in the New York region.
- Implemented proactive maintenance strategies, resulting in a 10% reduction in unplanned downtime and a 15% increase in overall plant efficiency.
- Led a team of 20 technicians and engineers to achieve a record-breaking safety performance, with zero lost-time incidents over a 24-month period.

Assistant Power Plant Operator at Consolidated Edison, NY

Sep 2021 - Feb 2023

- Successfully maintained a 99.8% efficiency rate for the power plant by continuously monitoring and adjusting equipment, ensuring optimal performance and reducing downtime.
- Implemented a predictive maintenance program that resulted in a 25% reduction in equipment failures and a 15% decrease in maintenance costs, contributing to increased plant reliability and cost savings.
- Assisted in the development and implementation of a comprehensive safety training program that led to a 40% reduction in workplace accidents, fostering a safer working environment for all employees.
- Played a key role in a major plant upgrade project that increased the facility's generating capacity by 10%, enabling the company to meet growing customer demand and secure additional revenue streams.

Certificates

North American Electric Reliability Corporation (NERC) System Operator Certification

Dec 2021

National Association of Power Engineers (NAPE) Certified Stationary Engineer

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Education

Associate of Applied Science in Power Plant Technology at SUNY Maritime College, Throggs Neck, NY

Aug 2017 - May 2021

Relevant Coursework: Power Plant Operations, Electrical Systems, Thermodynamics, Fluid Mechanics, Instrumentation and Controls, Power Plant Maintenance, Mechanical Systems, and Environmental Health and Safety.

Links

[linkedin.com/in/akaiyalacapria](https://www.linkedin.com/in/akaiyalacapria)

Skills

SCADA proficiency

Turbine expertise

Boiler control

Electrical troubleshooting

Distributed Control System (DCS)

Preventive maintenance

Instrumentation calibration

Languages

English

Bengali