



**American Samoa
Power Authority**

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PUBLIC JOB POSTING

<i>Position Title</i>	Power Generation Operator Trainees (4)	<i>Posting Date</i>	September 04, 2020
<i>Department</i>	Power Generation	<i>Deadline</i>	September 18, 2020, 4:00 p.m.
<i>Division</i>	Electric		
<i>Position Type</i>	Career Service – 12 months’ probation	<i>Pay Rate</i>	\$7.56 - \$7.87 per hour
<i>Reports To</i>	Power Generation Operations Supervisor	<i>Job Grade/Status</i>	C/5/A – C/6/A, Non-Exempt

Major Duties & Responsibilities

The primary objective of the position is for the trainee to learn the trade of “power plant operations” and to develop into Power Plant Operators. Both classroom and field training will be provided by ASPA; it is expected that the trainee operator shall be adequately competent to progress to Operator Level-1 within 3 years of training. The trainee will assist operators within a power plant to: determine the efficient and safe loading of generators within prescribed limits; maximize the plant’s efficiency in matching running capacity and spinning reserve to system demand; and ensure the uninterrupted supply of electricity to customers. The trainee will also assist power generation operators (levels I, II and III) perform the following tasks during shifts:

- Monitor and operate power plant switchboards, control panels and generator sets manually or remotely via SCADA
- Match running capacity and spinning reserve to system demand in order to maximize efficiency and reduce station usage
- Maintain quality of supply by maintaining system voltage and frequency at 13.2kv and 60 hertz respectively
- Respond with sound judgment to unusual and emergency circumstances
- Contact the Power Generation Superintendent and appropriate staff regarding power outages, generator and auxiliary problems and system disturbances
- Coordinate switching with field staff during outages and emergencies
- Start up, load and shut down generator sets
- Synchronize generator sets ONLY if name appears on the approval list
- Analyze equipment alarms and warnings and take preventative action where required
- Monitor generator efficiencies and system losses
- Complete outage reports promptly
- Assist power generation operators (level II and III) perform minor repairs during shifts
- Listen and observe generators for any unusual operating characteristics
- Any other assigned duties

Minimum Requirements

<i>Education</i>	AS/AA degree or equivalent; will be required to undergo training in theory and practical work leading up to mandatory certification examination.
<i>Experience</i>	Power plant operator experience preferred but not essential. On-the-job training will be provided to ensure the trainee is familiar with company policy, power plant operations and procedures.
<i>Knowledge, Skills & Abilities</i>	<ul style="list-style-type: none"> • Ability to read gauges and maintain accurate records • Skills in verbal and written communication • Valid driver’s license and clean police/driving record
<i>Work Environment</i>	<ul style="list-style-type: none"> • The physical work environment where the diesel generators operate is extremely noisy and operators are required to wear earplugs when performing duties around these large machines. Approximately 50% of an operator’s time is spent in close proximity to the diesel generators with the remaining time on shift spent in the control room.
<i>Physical Demands</i>	<ul style="list-style-type: none"> • Work involves standing, walking, and short periods of stooping and bending with the opportunity for sitting i.e. in the control room. Occasional heavy lifting may be required e.g. lifting oil drums to top-up generators or assisting mechanical/electrical maintenance workers with their duties.

Qualified applicants: Please submit a completed ASPA Employment Application with a copy of your resume to ASPA (address listed above) by the deadline listed. Attach copies of credentials and transcripts. Candidates selected for hire must pass

*examinations (when applicable), pre-employment clearances & test negative on employment drug test. ASPA reserves the right to waive education and experience requirements as necessary. No phone inquiries accepted. **Salary will commensurate with experience and education.***

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