



Gerald Gundani

Passport: AE075000 | **Date of birth:** 05/10/2000 | **Place of birth:** Gweru, Zimbabwe | **Nationality:** Zimbabwean |

Gender: Male | **Phone number:** (+263) 714735268 (Mobile) | **Phone number:** (+263) 778814277 (Home) |

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● ABOUT ME

Motivated and results-oriented Energy and Power Systems Engineer passionate about advancing renewable energy integration and sustainable power solutions across Africa. Equipped with strong technical, analytical, and project management skills gained through academic excellence and hands-on experience designing, installing, and commissioning solar photovoltaic systems and battery energy storage systems. Founder of Nyemwerera Trust, a community-based initiative empowering underprivileged children through education and sustainable living. Committed to leading Africa's transition toward clean, reliable, and affordable energy systems.

● EDUCATION AND TRAINING

01/08/2020 – 31/07/2024 Harare, Zimbabwe

BACHELOR OF SCIENCE (HONOURS) DEGREE IN ENERGY AND POWER SYSTEMS ENGINEERING University of Zimbabwe

Address 630 Churchill Avenue, Mount Pleasant, 00000, Harare, Zimbabwe | **Website** www.uz.ac.zw |

Field of study Electricity and energy | **Final grade** 2.1 |

Thesis Smart Parcel Locker with Solar Backup — designed and implemented a solar-powered prototype integrating a Battery Energy Storage System (BESS) for continuous off-grid operation

01/01/2018 – 10/11/2019 Harare, Zimbabwe

ADVANCED LEVEL (ZIMSEC) Mufakose 1 High school

Field of study Mathematics (A), Physics (B), Chemistry (B), Computer Science (A) | **Final grade** 18 points

01/02/2014 – 08/11/2017 Harare, Zimbabwe

ORDINARY LEVEL (ZIMSEC) Mufakose 2 high school

Field of study Science, Technology, Engineering, Mathematics (STEM subjects) | **Final grade** 9As, 2Bs, 1C

● WORK EXPERIENCE

GRADUATE TRAINEE: RENEWABLE ENERGY AND ELECTRICAL ENGINEER – ENRAPOWER PLC – 05/05/2025 – Current – HARARE, ZIMBABWE

Business or Sector: Electricity, gas, steam and air conditioning supply | **Department:** Energy & Power |
Email: enrapower@gmail.com | **Website:** <https://www.enrapower.com>

1. Designed and implemented renewable systems, including solar home systems (SHS), solar-powered water pumping systems and cold rooms, and utility scale PV plants.
2. Conducted energy data logging, and power-quality analysis for system sizing.
3. Carried out simulations and designs using PVsyst, AutoCAD, and PVsol.
4. Supported the wiring, installation, testing, and commissioning of solar and hybrid systems ensuring compliance with SHEQ standards (ISO).
5. Led team coordination, client relations, and project documentation.
6. Led feasibility studies, site assessments, and system configurations for utility-scale solar PV projects.
7. Managed labour, logistics, and stakeholder communication for large-scale installations.

Business or Sector: Electricity, gas, steam and air conditioning supply | **Website:** [Https://www.sfq-power.com](https://www.sfq-power.com)

1. Supporting the design, electrical wiring, installation, maintenance and repair of:
 - Utility scale solar Energy Systems.
 - Commercial & Industrial Energy Systems.
 - Battery Energy Storage Systems integration.

● **SELECTED PROJECTS**

20/06/2025 – CURRENT

Commercial and Industrial Projects Completed:

Designed, managed and supervised the installation of at least 400kW Solar PV projects in the configuration of:

- 4 x 100kW roof and ground mounted solar PV plants to power irrigation pivots at local tobacco farms in Mpinga, Norton and Darwendale - Zimbabwe.
- 1 x30 kW roof mounted Solar PV plant for Refrigeration and water treatment in Macheke, Zimbabwe.

05/05/2025 – CURRENT

Solar Home Systems (SHS) Projects completed:

Designed, managed and supervised the installation of Solar Home Systems (SHS) totaling 100kW in the configuration of 3kVA-12kVA solar PV systems.

● **SKILLS**

Technical skills

AutoCad | PVsyst | PVSol | E-DrawMax | PSCAD | Proteus | KICAD | PVWatts Calculator

Project Management skills

planning, co-ordination & delivery | Microsoft Office Suite | Trello

Key Expertise

Renewable Energy Systems (Solar, Hydro, Wind) | Electrical Power Systems

● **CERTIFICATIONS**

University of Colorado Boulder, 20/10/2025

Renewable Power and Electric Systems course certificate

Mode of learning: Online

Link <https://www.coursera.org/verify/TO5425BGJ9WX>

Duke University, 19/10/2025

Renewable Energy and Green Building Entrepreneurship course certificate

Mode of learning: Online

Link <https://www.coursera.org/verify/TO5425BGJ9WX>

Ecole Polytechnique, 01/11/2025

Hydro, Wind & Solar: Resource, Variability and forecast course certificate

Mode of learning: Online

Link <https://www.coursera.org/verify/SP80NM4QF3PG>

Dartmouth College, 29/11/2025

Energy and Environment course certificate

Mode of learning: Online

Link <https://www.coursera.org/verify/X1SNE51XY6E1>

L&T Edutech, 19/10/2025

Next-Gen Energy Storage- Battery and Hydrogen Technology course certificate

Mode of learning: Online

Link <https://www.coursera.org/verify/BNGE2SCOFJ11>

University at Buffalo, 19/10/2025

Electric Power Systems course certificate

Mode of learning: Online

Link <https://www.coursera.org/verify/FA8VGBE3OLTX>

Pearson, 29/11/2021

Certified Associate in Project Management (CAPM)® Exam: Unit 1

Mode of learning: Online

Link <https://coursera.org/verify/6NKOKX3IBR7E>

Pearson, 14/12/2025

Certified Associate in Project Management (CAPM)® Exam: Unit 2

Mode of learning: Online

Link <https://www.coursera.org/verify/LZ5YJXC032CV>

Packt, 14/12/2025

Foundations of Project Management

Mode of learning: Online

Link <https://www.coursera.org/verify/X03G7XDSPAJ3>

● **NETWORKS AND MEMBERSHIPS**

17/12/2025 – CURRENT International

Association of Energy Engineers International Member (Tier IV)

Link <https://drive.google.com/file/d/1hdupo5CazxZFw-xpjbmTsjTxGA1045bl/view?usp=drivesdk>

17/12/2025 – CURRENT

IEEE Membership

Link <https://drive.google.com/file/d/1hdupo5CazxZFw-xpjbmTsjTxGA1045bl/view?usp=drivesdk>

17/12/2025 – CURRENT

IEEE Power & Energy Society Membership

Link <https://drive.google.com/file/d/1hdupo5CazxZFw-xpjbmTsjTxGA1045bl/view?usp=drivesdk>

17/12/2025 – CURRENT

Power & Energy Society Expanding Collaboration and Engagement Community, IEEE

Link <https://drive.google.com/file/d/1hdupo5CazxZFw-xpjbmTsjTxGA1045bl/view?usp=drivesdk>

HONOURS AND AWARDS

01/06/2023

Vice-Chancellor's Scholarship – University of Zimbabwe

Achiever's Assistance scholarship / Merit-Need Award

23/03/2024

Certificate of Leadership Excellence – Young Life

In appreciation of my prowess and tenacity in my conduct as a Young Life Club Leader

27/10/2019

Certificate of Excellence in Innovation & Sustainability – FIRST Global

For participating in the FIRST Global Olympic Robotics Challenge, Dubai, UAE (2019)

Links <https://drive.google.com/file/d/17UR1uuscvI6R9mvdfsnEB0uoqBr8CuH/view?usp=drivesdk> | <https://www.sundaymail.co.zw/zim-pupils-out-to-conquer-in-dubai> | <https://first.global/2019-nations/zimbabwe-2019/>

CONFERENCES AND SEMINARS

03/12/2025 – 03/12/2025 Hyatt Regency Harare The Meikles, Harare - Zimbabwe

Solar & Storage Zimbabwe 2025 - 4th Edition (VIP Badge)

Hosted by SolarQuarter Africa, with the agenda of discussing strategies and innovations in developing utility-scale solar & storage projects aimed at strengthening Zimbabwe's grid reliability and promote sustainability.

Link https://drive.google.com/file/d/1Bawe2RGkk5LE_Fnf7nhebQP9MqjZf516/view?usp=drivesdk

VOLUNTEERING

20/12/2020 – CURRENT Harare

Founder & Chairman: Nyemwerera Trust

1. Leads a team of volunteers empowering underprivileged children through education and sustainable energy initiatives.
2. Established a Solar-Powered Learning Hub providing evening study access to rural students.
3. Advocates for gender equity and environmental awareness among youth in Zimbabwe

RECOMMENDATIONS

Lawrence Hoba CEO

CEO- ENRAPOWER PLC.

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Josphine Sibanda COO

COO at Enrapower.

Phone (+263) 777993442

Engineer Rashayi Chairperson

Faculty of Engineering, Electrical and Electronics Department Chairperson.

Email erashayi@eng.uz.ac.zw | **Phone** (+263) 772714067