

HOWARD RAMSDEN

Senior Electrical Engineer



Date of Birth

- 1961/09/18

Qualifications

- BSc Eng. Electrical University of Cape Town, 1984
- Westinghouse Nuclear Engineering, Cape Town, South Africa, 1994
- Senior Management Certificate , University of Stellenbosch, 1994

Professional Registration

- ECSA: PrEng
- MSAIEE,
- Pr. INT
- SPE

Relevant Experience

- 37 years

Length of Company Service

- 20 years

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Current Role

Howard is an independent consultant in the commercial and industrial renewable energy industry and infrastructure in the built environment. He is experienced in technical and project engineering during conceptualisation, the optimisation of design solutions and developing this in conjunction with the design team to detailed design stage. Thereafter a supervisory role is performed in support of the team undertaking detailed design and implementation.

Professional Experience

Key Projects (Data Centres)

2021 Global Cloud Computing Service Provider 1

Electrical Contractor during construction and commissioning of a large data centre built in Cape Town. Commissioning and Quality Assurance Engineer

2021 Global Cloud Computing Service Provider 2

Multidisciplinary team in Ghana, Ivory Coast, Uganda and Nigeria to evaluate and verify small – medium size data centres in terms of operation and Tier III compliance. Lead Engineer

Integrated System Tests for a medium sized data centre construction completion in Uganda. Lead Engineer

2020 - 2021 Banking Group , Johannesburg R180m

Complete infrastructure upgrade of a 4500 m2 primary data centre for a major banking group. Upgrade includes renewal and upgrade of primary electrical distribution (power, generator, UPS) and data areas. All work undertaken in a live environment. Construction Manager

Key Projects (Power and Energy)

2017 - 2020 Feasibility studies/designs for utility scale solar and wind energy projects in Southern Africa

Complete preparation, final design and permitting of solar and wind projects for government and private power purchase agreements. Project Developer, Specialist Energy Advisor.

2015 - 2017 Rural Infrastructure energy development

Establish a baseline for investment decisions at government level for prioritizing investment regions in Zimbabwe and Mozambique according to economic, affordability, family needs- Off grid, micro & mini grid Manager.

Employment History

- From 2017 Managing Director – RECSA
- 2015- 2017 Renewable Energy and Energy Efficiency manager - Norconsult Africa
- 2007 – 2015 Solar and Wind Project developer for the REIPP – Terra Power Solutions & Terra Solar
- 2005 – 2006 Senior Advisor – Generation Strategy - ESKOM
- 1987 – 2006 Various Managerial and technical positions in ESKOM and the Energy Industry in South Africa and Europe.
- 1986 – 1987 Engineer in training with BFBA – Cape Town

