



# Pat Naidoo Consulting Engineers

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[www.patnaidoo.co.za](http://www.patnaidoo.co.za)

## Resident Engineer Profile

Pathmanathan (Pat) Naidoo, Ph.D., Pr.Eng is the Resident Engineer with Pat Naidoo Consulting Engineers, a private, independent and professional electrical engineering company, recently established in the Republic of South Africa. Dr Naidoo comes directly to the private sector from the post of Chief Executive of the Western Power Corridor Company of Southern Africa and Senior General Manager of Eskom, South Africa.

Dr Naidoo had spent 26 years with Eskom, the vertically integrated national electricity utility of South Africa. He commenced work as an engineer in training and progressed through the company to executive leadership. During his tenure as Senior General Manager he led the Transmission Group of Eskom South Africa and directly managed Power System Operations, Eskom Power Pool Energy Operations, Real Time Control of the South African National Grid, Regional Management of the Southern African Power System and Cross Border Energy Trading.

He served Eskom as a member of the various Company, Group and Divisional Committees such as Operations, Procurement, Investment, Finance, Audit and Human Resources. He led Eskom's participation at The Southern African Power Pool (SAPP), a regional gathering of national utilities and at The Union of Power Producers and Distributors of Africa (UPDEA), a continental gathering of national utilities.

In later years, he was seconded to the Office of the Chief Executive of Eskom as Technical Director of the Mozambique Transmission Company (MOTRACO – A Joint Venture of Eskom South Africa, SEB of Swaziland and EDM of Mozambique), as Special Projects Leader for the Refurbishment of Eskom's

Large Power Transformers, as Specialist Consultant of Eskom's 765 kV Transmission Technology for Commercial Consulting Contracts for Power Grid Corporation and National Thermal Power Corporation of India and State Grid of China, as Specialist Consultant of HVDC Technology for Eskom and the Southern African Power Pool and as Chief Executive of the Western Power Corridor Company (PTY) LTD (WESTCOR), a five country joint venture incorporated in the Republic of Botswana.

WESTCOR was equally owned by the Governments of Angola, Botswana, Democratic Republic of Congo, South Africa and Namibia and the work involved conceptual, prefeasibility and feasibility studies for large scale hydro electric power generation in the Congo River and the transportation of the bulk electrical energy onto the national grids of the participating countries and the rest of Southern Africa. In the feasibility stage of the studies the shareholders stopped the project due to unforeseen changes in the founding agreements.

In 1994, Dr Naidoo received The Young Achievers Award of the South African Institute of Electrical Engineers and in 2010, The Ann van Dyk Applied Research Award from the Da Vinci Institute of Technology Management.

Dr Naidoo is member of the Institute of Engineering and Technology, London, UK; a Senior Member of the Institute of Electrical and Electronic Engineers, New Jersey, USA and Fellow of the South African Institute of Electrical Engineers, Johannesburg, RSA. He currently chairs the Power and Energy Society of IEEE SA Section and is Vice President of the SAIEE for the 2011/2012 term.