

## Professional Profile

Allan P. Simmons is a highly experienced electrical engineer and project management executive with over 25 years of proven leadership in delivering complex, high-value energy and infrastructure projects across Barbados and the Caribbean. As Chairman and CEO of Simmons Electrical Co. Ltd., he has successfully led the design, procurement, and execution of numerous multimillion-dollar commercial and renewable energy installations—earning the trust of government bodies, private sector clients, and international partners.

Mr. Simmons brings deep technical expertise backed by formal training in electrical and mechanical engineering, along with specialized certifications in photovoltaic systems, energy auditing, and LED lighting technologies. His hands-on and inspirational leadership ensures project delivery that meets the highest standards of safety, compliance, and performance—on time and within budget and fosters a culture of safety, continuous improvement, and technical excellence within his team.

He is guided by a strong professional code of conduct centred on transparency, accountability, and stakeholder value. Committed to long-term community impact, Allan integrates sustainable design, local workforce development, and public engagement into every major initiative. His reputation for quality, integrity, and results-driven execution makes him a trusted partner in delivering infrastructure that meets today's needs and tomorrow's standards.

## Key Projects & Highlights

### Barbados

- **Barbados Tourism Marketing Inc. (BTMI)** - Led installation of over 140 LED streetlights along St. Lawrence Gap enhancing public safety and aesthetics.
- **Barbados Water Authority (2018 – 2021)** – Upgraded 39 water pumping stations installation and programming of variable speed drives to increase efficiency and to control operations at each pumping station, reducing power consumption by 30%.
- **Barbados Water Authority (2018 – 2021)** – Constructed 2.5 MW dc photovoltaic system
- **Barbados Water Authority (2018 – 2021)** – Constructed a 500-kw photovoltaic system
- **Civil Aviation Department (2018- 2021)** - Comprehensive construction of electrical infrastructure – power distribution, emergency power data, telephone, access control, cctv, fire alarm and lighting.
- **Complant Facilities (2020 - 2025)**– Upgrade of office and living facilities at St. Simons, St. Andrew and Lancaster, St. James and Wyndham Grand Sam Lord's Castle.
- **National Petroleum Corporation (2018 - present)** – Constructed 4.1 MW of photovoltaic system at Lower Greys 12 500kw. BNOC 950kw, BNOC BC 950kw Woodbourne 111 950kw 105950 kw.
- **Wyndham Grand Sam Lord's Castle (2020 – 2023)** – Infrastructural work including the distribution of high voltage (hv) and low voltage (lv) power. Construction and certification of 5 commercial kitchens, laundry, generating plant, sewage and administration building and security lighting.

### **Caribbean and South America**

- **Rubis/ Texaco and Sol** – Upgraded radar monitoring systems to manage inventory at bulk storage facilities

### **Professional Training**

Mr. Simmons holds certifications which span Solar Installation (Solar Institute of America), Wind Turbine Installation, LED Energy Efficiency Lighting, PV Design & Installation, Power Quality Essentials, Electrical Estimating, and Computer Studies.

### **Barbados Community College**

- Diploma in Electrical and Mechanical Engineering,
- City & Guilds Certificates: Electrical Installation Parts A & B

### **University of the West Indies**

- Facility Management

### **Barbados Institute of Management and Administrative Procedures (BIMAP)**

- General Management

### **Dale Carnegie Training**

- Effective Communications & Human Relations

### **TVET Council Barbados**

- Electrical Installation Level 2
- Financial Analysis of Solar Energy Projects

### **Heat Spring Certificate**

- Commercial Photovoltaic Design - Integrating Commercial Scale Storage
- Utility Scale Solar Construction & Project Management

### **Solar Institute of America**

- Solar Installation
- Wind Turbine Installation
- Application of Energy Efficiency lighting (LED)
- PV200: PV Design & Installation Intensive
- Diploma Computer Studies Orange Computer
- Power Monitors Inc – 7-Session Power Quality Essentials
- Estimation Inc Logistics -Electrical Estimating

**ALLAN P. SIMMONS**  
Managing Director and CEO  
Simmons Electrical Co. Ltd  
Barbados/ Caribbean  
Cel: 246-1245, Email: Shalani1253@gmail.com

### **Professional Associations & Licenses**

- Member: Barbados Renewable Energy Association, Solar Energy Industries Association (SEIA), USA, CSIA (Canada), NACEP (USA), National Fire Protection Association (NFPA)
- Licensed 3-Phase Electrician (1983–2019)

### **Personal Attributes**

- Outstanding business acumen
- Inspirational leadership style with strong team mentorship skills
- Highly organized and detail-oriented, adept at navigating complex operational challenges
- Community-minded and socially responsible, exhibiting integrity and resilience during business adversity