



# HIGINIO GARCIA GARCIA

## ELECTRICAL ENGINEERING IN POWER SYSTEMS.

Electrical engineer with 22 years of experience in high voltage and electrical systems. Specialized in design, project management, and compliance with international standards. Extensive experience with leading companies such as GE and Alstom. An expert in power transmission and cost optimization.

## COURSES / SKILLS

- 2020 GE Grid Solutions Technical Expertise Program, Expert Level.
- 2012 Alstom University: Performance Management and Talent Development at Alstom.
- 2011 Alstom Grid Technical Expert Community: Expert in High Voltage Circuit Breakers.
- 2002-2012 CANAME: Overview of Standardization and Conformity Assessment.
- SABBAG CONSULTURIA: Methodology for International Project Management.
- LAPEM: High Voltage Testing Techniques.
- ALSTOM: Installation, Adjustment, and Commissioning of Circuit Breakers (2004-2006).
- ALSTOM Energietechnik GmbH, Kassel, Germany (Live Tank Circuit Breakers from 72.5 kV to 170 kV).
- ALSTOM, Villeurbanne, Lyon, France (Live Tank Circuit Breakers from 145 kV to 500 kV).
- ALSTOM, Oberentfelden, Switzerland (FK Mechanism Training).
- ALSTOM Project Management Handbook AIS.
- Software: Salesforce, Flux 2D software for electrostatic design, VIZIMAX relay application for point-on-wave RPH (POW) switching for overvoltage reduction, ATP calculations for power system simulation, AutoCAD, Inventor, Pro-E, Microsoft Word, Excel, PowerPoint, Project, SAP, and MAX. Salesforce for bidding and tracking customer requests and complaints.

## WORK EXPERIENCE

### Senior Specialist in Electrical Power Transmission.

GE Renewable Energy, Mexico.  
2023 to present.

### High Voltage Switchgear México Manager.

GE Renewable Energy, Mexico  
2013-2023

### High Voltage Engineering Manager.

Alstom Grid  
2011-2013

### Senior Electrical Engineer, R&D Department.

AREVA-USA  
2008-2011

### Project Leader.

AREVA-Mexico  
2006-2008

### Engineering Department.

AREVA-Mexico  
2000-2006

### Project Leader and Electromechanical Design.

SIEMENS-Mexico S.A. de C.V., Querétaro, Qro.  
1999-2000

### Engineering Department.

D.I.V.A.R.  
1995-1997

## EDUCATION

### Master of Business Administration (MBA)


Instituto Tecnológico y de Estudios Superiores de Monterrey  
(2004-2008)

### Bachelor of Science in Electrical Engineering with a Specialization in Power Systems Engineering.

Instituto Politécnico Nacional  
1994-1998

### Electrical Technician

Vocational School No. 11 "Wilfrido Massieu"  
1991-1994

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