



## Career Objective

**Experienced Engineer and Project Manager** with expertise in Power Systems, Renewable Energy, Control Systems, Telecommunications, Web Development, Machine Learning, and Database Configuration. Skilled in leading commissioning efforts and optimizing controls performance in utility-scale solar and wind power generation plants. Strong background in SCADA & Control Engineering, prioritizing safety, reliability, and regulatory compliance. Seeking to leverage technical proficiency to contribute as a Control Systems Commissioning Engineer at Clearway Energy.

## Personal Skills

<b>Engineering Skills</b>	Inverters   Controlling circuits   AVR Microcontroller   PLC   HMI   PCB Lighting and wiring of buildings   Wind Energy   Solar Energy   Power Electronics
<b>Programming Skills</b>	HTML   CSS   Bootstrap   MySQL   C++   C#   ASP.NET   JavaScript   jQuery   React
<b>Knowledge</b>	Data Analytics   Machine Learning (ML)   Artificial Intelligence (AI)
<b>Computer Skills</b>	Matlab/Simulink   AutoCAD   Multisim   MS Office   LATEX
<b>Languages</b>	Fluent in Arabic, English and Turkish
<b>Leadership Skills</b>	Diploma and Practitioner in the Management and Development of the Individuals Certified Consultant in the Management and Development of the Individuals

## EXPERIENCE

**2008 - Present**

### Clearway Energy,

*Operations Specialist I (Current Position)*

**Scottsdale, Arizona**

*October 2023 – present*

- Ensure safety, reliability, and environmental compliance across a diverse 6 GW portfolio of utility-scale Wind, Solar, and Battery Storage assets by meticulously adhering to NERC and/or ISO compliance standards.
- Engage in Real-time Performance Monitoring Control activities to ensure continuous operations and promptly address emerging issues.
- Proactively monitor and analyze real-time activities to identify root causes, ensuring data integrity for operational events while upholding regulatory standards and meeting customer contract requirements.
- Play a pivotal role in optimizing asset production and profitability while maintaining stringent compliance with NERC and/or ISO standards to sustain reliable operation and optimize performance across the utility fleet.
- Utilize strong problem-solving skills, critical thinking, and data analytics to swiftly address abnormal operating conditions and alarm events, identify root causes, and implement effective solutions, thereby minimizing downtime and maximizing operational efficiency.
- Support the commissioning of new projects, monitoring testing, ensuring safety, and regulatory compliance.
- Coordinate with Field Operations teams to verify plant status and ensure the safe operation of remote equipment.
- Demonstrate proficiency with various SCADA manufacturers (GE, Mitsubishi, Siemens, Siemens Gamesa, Suzlon, and Vestas) and different HMI controllers for PV sites to monitor, control, and optimize operational performance. Show expertise in real-time data analysis and decision-making as an Operations Specialist, driving efficiency and reliability in energy production.
- Utilize teaching experience to provide comprehensive training on new technologies, simplifying complex concepts for deeper understanding among team members.
- Collaborate with external entities such as Scheduling Coordinators, and Transmission Operators to interpret and implement activities outlined in asset contracts, including capacity scheduling/reporting, telemetry issues, and remote-control capability impacts. Ensure compliance with NERC and/or ISO regulations throughout the execution process.

### Cudura Software Solution,

*Full Stack Web Developer*

**Tampa, Florida**

*June 2022 – August 2023*

- Developed Front-end and Back-end for CareSoft, a software managing services for disabled individuals at home.
- Implemented various security access levels for administrators, staff, and patient portal.

**Technology:** HTML, CSS, Bootstrap, JavaScript, jQuery, .Net 6.0, MVC, Dapper, MS SQL Server, Stored procedure

**Bayaan Academy School,**  
*STEM Instructor*

**Tampa, Florida**  
*August 2020 – June 2022*

- Mentored middle and high school students in various STEM subjects
- Led a team of middle school students in LEGO International Robotics Competition

**Istanbul Technical University,**  
*Research Assistance*

**Istanbul, Turkey**  
*August 2014 – June 2020*

- Assisted in Developing LVRT control method for DFIG, and PMSG used with wind turbine by applying Machine Learning and Artificial Intelligent (ML/AI) principles
- Participated in Installing the battery storage system for photovoltaic (PV) solar energy system
- Designed & executed automated production lines by using simple control components such as switches, sensors, contactors, and invertors, which decrease the expenses of the automated production lines and made the production faster, easier, and more accurate

**S.D.A Controlling & Automation Systems,**  
*Controlling Systems Engineer*

**Istanbul, Turkey**  
*October 2013 – March 2014*

- Utilized Eplan and AutoCAD to interpret and draw controlling and electrical design schematics
- Designed & executed automated systems using PLC, Inverters, HMI, pneumatic valves, and servo motors which increase the production capacity by 20%
- Inverter restoration, troubleshooting and diagnostics

**Syrian Telecommunication Establishment (S.T.E),**  
*Supervisor of Telecommunication Center*

**Damascus – Syria**  
*November 2011 – August 2013*

- Supervised a technician team of 83 to decrease malfunctions of telecommunication cables which increased the profits around 25%
- Supervised the execution of adding more than 3600 new paid subscribers, by leading the project with more than \$250,000 budget to connect the remote areas by installing new 10 Km length cables

**Syrian Telecommunication Establishment (S.T.E),**  
*Manager of Planning and Developing Department at General Directorate*

**Damascus – Syria**  
*December 2010 – October 2011*

- Created plans for developing the telecommunication network in remote areas of the city, and monitored the execution of that plans
- Prepared the accomplishment reports for Damascus's telecommunication centers to be presented to the telecommunication ministry

**Syrian Telecommunication Establishment (S.T.E),**  
*Manager of Maintenance and Operations Department*

**Damascus – Syria**  
*September 2009 – November 2010*

- Installed and Operate Multiplexer system for 13 Telecommunication Centers, with more than \$250,000 budget, which extended the capacity of the centers up to 13,000 extra subscribers
- Monitored, operated, and maintained the Multiplexer systems at the installed 13 Centers
- Trained the technicians at the telecommunication centers to operate the Multiplexer system

**Syrian Telecommunication Establishment (S.T.E),**  
*Assistant Manager of maintenance department*

**Damascus – Syria**  
*August 2008 – August 2009*

- Assisted in Leading the technician team fixing the telecommunication's cable faults, reading schematics, determining cables glitches, ....., etc.
- Operating, and maintaining the underground cable networks 24/7

## EDUCATION

- **M.S. Sc. Renewable Energy**, Damascus University, Damascus – Syria (2013)
- **B.Sc. Electrical Engineering**, Damascus University, Damascus – Syria (2007)  
NCEES accredited equivalent to ABET accreditation

## AWARDS/PUBLICATION

- **ELECO 2019 - 11th INTERNATIONAL CONFERENCE** - Bursa, Turkey,  
"Enhancement of the Low Voltage Ride through Capability for Doubly-Fed Induction Generator during Grid Voltage Dip"
- Damascus University Honor Award, Top 8 of Class over 2,000 in 2007