

# SHANE MCDANIEL

**Objective:** Apply my military experience, education, & career knowledge in a productive and efficient manner to create and achieve operational goals while promoting organizational values.

<b>Education</b>	<u>University of Cincinnati</u>	2005
	Bachelors of Science - Criminal Justice	
	<u>U.S. Air Force NCO Academy</u>	2002
	Leadership, Management, and Communication	
	<u>Community College of the Air Force</u>	2002
	Electromechanical Systems Maintenance	

**Experience** \* ENGIE NA Regional Operations Manager \*

- Ensure the highest level of health and safety practices across all plant personnel and contractors.
- Monitor construction progress to seamlessly transition projects into operations.
- Ensure plant compliance with all federal, state, and local laws.
- Manage employee development and training.
- Work with Engineering, Asset Management, Partnership, Environmental, and Compliance teams to set & achieve performance goals.

\* ECRNA Operations Site Manager \* 411MW / 230 turbines \*

- Ensure the highest level of health and safety practices.
- Assure operational performance targets.
- Select & supervise the activities of contractors to ensure operation and maintenance of the wind farm follows contracted requirements and performance targets.
- Work with multiple internal departments to stay within compliance with local, state, & federal law.
- Interface with landowners, local and state authorities and the general public.
- Supervise, train and motivate personnel. (14 direct reports & 10 indirect reports)
- Prepare the annual site O&M budget and recommend CapEx improvements.
- Ensure daily, weekly and monthly operations reports are prepared and submitted on time.
- Manage spare part inventory for the assigned wind farm.

\* ZF Services - Wind Energy Gearbox and Driveline Field Services Manager \*

- Schedule all of North America's warranty / non-warranty gearbox repairs and services as well as Supervise the performance and quality of field service teams.
- Provide product support and training to internal and external customers on ZF and non ZF products.
- Audit, train, and review performance of ZF authorized service providers.
- Provide technical support to gearbox repair shop, to include testing, training, work instruction development, and quality control.
- Develop, implement, and manage product campaign / improvement programs.

\* Square D - Power Management Systems & Switch Gear Equipment Field Service Technician \*

- Provide professional services to customers including technical site analysis to resolve customer issues and to perform field service duties on a complete range of single-phase and 3-phase equipment Submit all detailed reports to customers with use of Power DB software.
- Perform Startup/Commissioning service in customer substations on switchgear, frequency drives, capacitor banks, relays, transformers, and solar inverters made by Square D / Schneider Electric.
- Perform Preventive Maintenance/Trouble shooting on Square D and all other OEM's Power management equipment known in the field. Read and interpret trip curves to ensure correct mechanical and electrical operations of switchgear.
- Retro fit installations on existing mechanical switchgear line up to update or expand customers capabilities.

\* Suzlon - Wind Energy Operations and Maintenance Site Manager \*

- Coordinate, manage, and oversee the implementation of large mechanical projects to include gear box bearing repairs and gear box change outs. Generator bearing repairs and change outs. Drive train alignments and back lash adjustments. Nacelle centering and leveling. Pitch and yaw drive disassembly and assembly. Review and oversee crane operations for repairs to or change out of blades, generators, and gearboxes.
- Supervise the daily operations of eight employees to accomplish monthly and yearly goals in turbine production. Ensure that all company work safety policies are complied with. Implement training and track progress of all technicians to proficient standards. Create adjustable maintenance schedules to minimize down time and maximize turbine production. Report mechanical and electrical issues to Engineering support. Communicate technical issues & park status to corporate level as well as the customer on site.
- Act as the subject matter expert between the manufacturer and the owner. Maintain verbal and written reports on the balance of plant. Explain cause and effect of technical changes implemented by engineers. Maximize value added services to promote strong customer service relationships.
- Responsible for creating and submitting Operational, Service, and Warranty budgets to corporate for approval that are based on historical data and organizational goals.
- Responsible for securing and maintaining all turbine replacement parts, tooling, safety equipment, office supplies, and fleet vehicles. Maintain control of corporate proprietary information.
- **Customers:** Texas-John Deere, Oklahoma-Edison Mission, North Dakota-Iberdrola, Indiana-EDPR.

\* Electronic Comm. Systems Operator / Maintainer for Ground Radar and Air Control Operations \*

- **Operations:** Support ground radar operations, aircraft operations, and missile defense systems by data linking radar pictures and communications from all branches of the military into the Navy's J-16 anti-jam system to be used by any authorized DoD user.
- **Supervision** Supervise 12 people in the design, setup, installation, operation, and maintenance of RF and digital communications networks.
- **Training:** Train lower skilled employees for progression in skill level on all electronic equipment install, operation, and maintenance.
- **Data link Engineering:** Design communication networks to meet the customer's current and future needs.
- **Installation, Operation & Maintenance:** Achieved highest maintenance skill level in the U.S. Air Force. Read/interpret schematics, drawings, technical data sheets. Conduct tests of components, assemblies, and modules. Knowledge of electric test equipment (multi-meters, oscilloscopes, network analyzers, power meters, etc.) Maintain and service all mechanical gears and servo systems as well as mobilization equipment (Trucks, trailers, & hoists).

\* Fire and Emergency Services \*

- **Fire inspector:** Review building plans to meet fire code. Inspect all building type/classification to assist owners in compliance with fire and life safety codes. Enforce fire and life safety codes that pose an immediate dangerous situation to the public according to laws and regulations. Design emergency response plans to all buildings.
- **Fire investigation:** Assist in fire cause and investigations with federal and state law enforcement agencies, fire departments and insurance companies.
- **Emergency Medical Technician:** Provide emergency medicine and care to patients from scene of incident to hospital. Good team working and communication skills to mitigate life and death situations.

<b>Employment</b>	<u>ENGIE NA, Renewable Generation * Highmore, SD *</u> <b>Regional Operations Manager, North Region</b>	<u>Dec 19 – Present</u>
	<u>ECRNA, Operations * Groom, TX *</u> <b>Site Manager, 411MW / 230 turbines</b>	<u>Sept 14 – Dec 18</u>
	<u>ZF Services, Wind Power * Vernon Hills, IL *</u> <b>Technical Service Manager</b>	<u>Mar 14 – Sept 14</u>
	<u>Square D / Schneider Electric * West Chester, OH *</u> <b>Field Service Technician – Power / Switch Gear</b>	<u>Dec 12 – Mar 14</u>
	<u>Suzlon Wind Energy * Chicago, IL *</u> <b>Operations &amp; Maintenance Site Manager</b>	<u>June 08 - Nov12</u>
	<u>Wackenhut Services Inc. * Baghdad, Iraq *</u> <b>DoD Contract Firefighter in Iraq</b>	<u>2005 - 2007</u>
	<u>Village of Elmwood Place * Cincinnati, OH *</u> <b>Firefighter II / EMT-B</b>	<u>2002 - 2007</u>
	<u>Department of Defense * Blue Ash, OH *</u> <b>Electronics Mechanic WG-2604-11</b>	<u>1998 - 2002</u>
	<u>US Air Force National Guard *123<sup>rd</sup> Air Control Squadron *</u> <b>Satellite and Wideband Communications Maintenance</b>	<u>1995 - 2006</u>

### Accomplishments at ECRNA

- Successfully transitioned two 200MW sites from construction to operations back to back
- Lead in setting the MWNE Regional yearly motto 2017: “FOCIS” / 2018: “One team, One fight”
- Developed a site EOD that deepened the partnership between ECRNA / EES / BlackRock

### Accomplishments at Suzlon

- Lowest over time percentage in the company.
- Highest return on sales profit from service contracts.
- Ranked #1 safest site according to internal audit procedures within Suzlon.

**Software:** Wind Turbine Control Software SC-Commander, SCADA, Microsoft Office products, Lotus Notes, SAP, Paychex, Power DB, ADP pay, Blue Point, Concur.

**Certifications:** OSHA 10 General Industry Safety & Health, State of Ohio Emergency Medical Technician, NFPA/DoD Fire Inspector I, NFPA/DoD HAZMAT Operations, NFPA/DoD Firefighter II, NFPA/DoD ARFF

**Awards:** (2) Meritorious Service Medals, Air Force Achievement Medal, (2) National Defense Medals, (2) Armed Forces Expeditionary Medals