



**AP Renewables**  
CANADA

**Your Strategic  
Partner in  
Wind  
Operations**



No matter where your business is in its renewable energy operations, AP Renewables provides the expertise and solutions to drive efficiency, performance, and growth.

## Turnkey Solutions

With a hands-on approach, cutting-edge tools, and a commitment to sustainability, we provide the strategic support you need to succeed in today's rapidly evolving energy market. Partner with AP Renewables and power the future with confidence.

# We believe in trust and value.

We offer

**CONSULTING  
SERVICES**

**SOLUTIONS**

**TRAINING**

---

**Wind turbine experts  
focused on reducing  
your costs and  
increasing your  
revenue.**



Proudly Canadian



## Grid Compliance

We perform system modeling and testing for customers across the world. Our expert team can consult on compliance issues, helping you to resolve problems, navigate the complexities, and avoid penalties.



## Root Cause Analysis

Our engineers and data team uncover the root causes of asset failures and deliver tailored solutions to resolve them effectively. This proactive approach maximizes asset performance and ensures long-term value for our clients.



## Dashboards

Monitor your wind farm operation with dashboards that transform high resolution data into usable metrics and insights that allow you to plan and make decisions that save money and optimize performance.



## Central Data (SCADA)

We can implement your SCADA set-up to capture high-resolution data, so that you have visibility and control over the assets you are managing. We can build custom dashboards or implement our tool, SCADAScope, for easy, reliable access.



## End of Warranty

AP Renewables helps you save money by identifying critical component failures during the warranty period, managing warranty claims to ensure manufacturer repairs, and reducing maintenance costs.



## Auditing

AP Renewables offers a range of specialised audits, tailored to your specific needs and concerns. We provide the actionable data you need to make informed decisions and maximize your wind energy investment.





**AP Renewables**  
CANADA  
**TRAINING**

*POWERING CLEAN ENERGY EXPERTISE*



**Professional Trainers with Real Experience in Renewables**



**Remote or On-Site Training Options**



**Renewable Energy Skill Development & Software Training**



**Customized Training Modules to Meet Your Organizations Skill Gaps**





## **Protect your profits with our Static and Lightning Protection System**

**AP Renewables has engineered our Static and Lightning Protection System (SLPS) to handle high-intensity lightning strikes, protecting the turbine's key components such as blades, nacelle, and control systems, from damage.**

**Tailored for Siemens Gamesa turbines, turbine operators using our SLPS report an average increase of 1.8% in AEP, thanks to improved turbine performance and reduced downtime caused by lightning-related disruptions.**

**By minimizing wear and tear caused by lightning and static, SLPS extends the operational lifespan of your turbines, reducing long-term maintenance costs.**







Creators of SCADAScope™

# SCADAScope

**A software solution  
created in response to the  
wind industry's most  
requested tools and most  
pressing data quality and  
maintenance challenges.**





**Asset Support Ticket**

**General Field Support by SME**

**Remote Support (during business hours)**

**Design and Testing of New Equipment**

**Parameter Change**

Substation PLCs, HMI, RTAC, Relay Backup & Verification  
(with SCADA Scope)

**Parameter Change**

Substation PLCs, HMI, RTAC, Relay Backup & Verification  
(without SCADA Scope)

**Parameter Change (per turbine Gamesa)**

**Parameter Change (per turbine GE 1.x)**

**Site Mobilization & Demobilization**

**Event/Fault Data Retrieval**

Substation PLCs, HMI, RTAC, Relay Backup & Verification  
(with SCADA Scope)

**Event/Fault Data Retrieval**

Substation PLCs, HMI, RTAC, Relay Backup & Verification  
(without SCADA Scope)

**Field Work Plan**

**System Spares**

**Install - Substation PLCs, HMI, RTAC, Relay  
Installation & Commissioning**

**Quality Report from SCADA Scope Data for G8x and  
GE 1.x Platform with all Subcomponents**

**Monthly Health Report (GE/ Gx/ G9x/  
SGRE145/Senvion/Suzlon 9x)**

**Root Cause & Insights (RCI)**



**G8x PLC Update**

**Dashboard Bazefield**

**G8x PLC Parameter Update/Check**

**Reports Bazefield**

**G8x Converter Update**

**Power Plant Control & Grid Compliance Health**  
(active, reactive frequency)

**G8x Converter Parameters Check/Verification**

**Workflow Report**

**Network Cyber Security Verification in Substation**

**Wind Turbine 101 Training (remote)**

**EoW inspection (Wind Non-GE)**

**Wind Turbine 101 Training (on-site)**

**EoW Inspection (GE)**

**Converter DFIG Training (remote)**

**Solar Tracker PLC Install**

**Converter DFIG Training (on-site)**

**Solar Tracker PLC Update**

**Pitch Hydraulic Training (remote)**

**Substation VPN Install**

**Pitch Hydraulic Training (on-site)**

**SCADA Point to Point Test**

**SCADA Scope Root Cause & Insights**

# LET'S SHOOT THE BREEZE

If you have challenges in your operation,  
we would love to help you.  
Please get in touch and let's see what we can do.



1800 419 6819



info@aprenewables.com



aprenewables.com



AP Renewables  
CANADA