

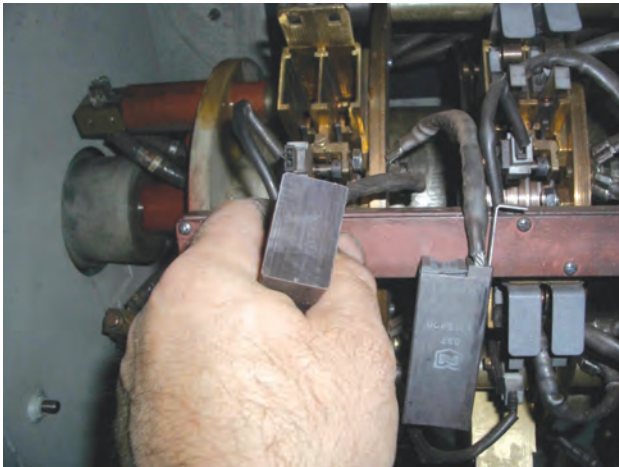
*Wind Application Bulletin*

## Wind Turbines

### *ABB 1.5 MW Doubly Fed Asynchronous Generator*

- Exceptional Performance from No Load to High Load
- Superior Film Formation for Low Friction
- Outstanding Performance in Varying Atmospheric Conditions including Low Humidity
- Tolerant of the Harmful Effects of Contamination
- Excellent Brush Life with Minimal Ring Wear – exceeding 24 months of brush life

*For this Generator Morgan AM&T also offers:*



Power Slip Ring #W61074847  
Brush Holder Springs #W61074826



Ground Brush  
#W61048890AZ

Power Brush  
#W61048890



## National® Carbon Brushes

- Global Technology Company
- 100+ Years Manufacturing Experience
- Same Day Emergency Service
- Proven Solutions for the Wind Power Market

With a history of over one hundred years, the National brand has been associated with innovation, technology leadership and excellence in quality. With an intimate understanding of carbon and graphite materials science and the portfolio of unit operations required for world-class manufacturing, our scientists have successfully created solutions in many key markets. Our treatments and formulations enable our carbon brushes to survive and perform in the most rigorous conditions. National has built this reputation from our materials technology and application engineering efforts, working jointly with both OEM manufacturers and directly with end users.

In the rapidly growing Wind Power market, Morgan AM&T offers brushes, slip rings, holders and springs for most generators. These are operating in turbines throughout North America with outstanding performance and success. We also offer solutions for many of the recurrent problems facing this industry.

Contact Morgan AM&T Application Engineering Department for your Wind Power Solutions.



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