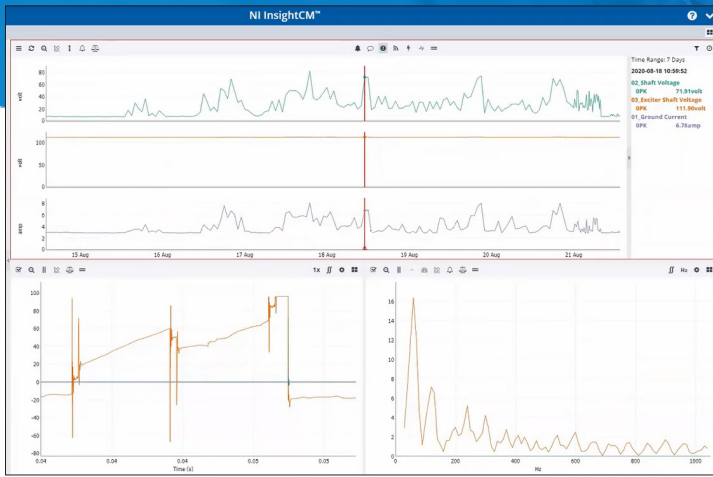




Recording & Monitoring Shaft Current & Voltage provides invaluable analytics for preventative maintenance.



SHAFT GROUND MONITORING PREMIUM SYSTEM

The Cutsforth™ Shaft Ground Premium Monitoring continuously measures shaft voltage and current. This state of the art system utilizes Cutsforth™ patented braided copper ropes for best in class grounding and data collection.

This monitoring program offers an array of benefits:

- Continuously tracks and trends data
- Waveforms are collected and archived, so plants can better predict when a failure may occur
 - » Fewer expensive, surprise outages
 - » Plants own and control their own data
 - » Data can be easily passed to an historian to the plant's control room
- Monitoring the shaft grounding equipment allows for better allocation of the O&M budget
 - » Maintenance can be done based on condition of the equipment rather than a calendar lengthening time between outages
- Manpower can be better allocated
 - » Personnel can spend their time on preventative maintenance rather than corrective maintenance
- The system requires an NI InsightCM® license and is fully managed and data is archived using the platform

Using a built in oscilloscope, the Premium Monitoring System is able to identify a variety of failure modes, including:

- Poor Shaft Contact
- Bearing Failure
- Stator Insulation Failure
- Exciter Insulation Failure
- Ground Neutral Failure



Cutsforth™ Shaft Grounding Assembly (SGA) installs in one-day and pairs with the Premium Monitoring System

CUTSFORTH
THE POWER OF INNOVATION™

Cutsforth.com/ShaftGrounding

For more information, contact us:

- Cutsforth.com/Contact
- ☎ 800.290.6458 x.1
- ✉ info@Cutsforth.com