

## 1. Getting Started—First Day's Operation

Print out the next page, and then record the readings as described in the following procedures.

### **When the CMS is first installed, before the generator is brought online or put on turning gear**

1. Power on the CMS.
2. When the CMS Application starts, ensure that monitoring is not paused and Unit Status is GEN OFF. If it is not, contact Cutsforth immediately for instructions.
3. Go to either the SHAFT SETTINGS page or the ROPE SETTINGS page and click RECORD WVFM'S. For more information on these pages, see [Setting Up Monitoring and Recording Waveforms](#).
4. Record the readings in Column A in the first table on the next page.

### **While the generator is on turning gear, but prior to it coming online**

The Unit Status should be GEN OFF. If it is not, or if the Unit Status indicates GEN ON prior to the generator coming online, contact Cutsforth immediately for instructions.

1. Capture waveforms as described in Step 3 above.
2. Record the readings in Column B in the first table on the next page.

### **Within 2 minutes after the generator comes online**

The Unit Status should change to GEN ON. If it does not, contact Cutsforth immediately for instructions.

1. Capture waveforms as described in Step 3 above.
2. Record the readings in Column C in the first table on the next page.

### **After the generator has been online for one hour**

The Unit Status should still be GEN ON. If it is not, contact Cutsforth immediately for instructions.

1. Capture waveforms as described in Step 3 above.
2. Record the readings in Column D in the first table on the next page.

## Readings from First-Time Operation

	A	B	C	D
Date				
Time (hr and min)				
HOME page: Ground Current Peak to Peak (amps)				
HOME page: Shaft Voltage Peak to Peak (volts)				
HOME page: Exciter Shaft Voltage Peak to Peak (volts)				
ROPE STATS page: Ground Rope Wear Indicator V LIVE				
ROPE STATS page: Metering Rope Wear Indicator V LIVE				
ROPE STATS page: Exciter Metering Rope Wear Indicator V LIVE				

## Your Plant Information

Plant name		State	
Unit name		MW	
Generator manufacturer		Fuel type	
Plant contact		Phone	
Cutsforth tag number (on the inside of the CMS front door): 1 2 ____ _			
Example tag:  12345			

## When you have completed the procedure

1. Download the waveforms that you saved during the procedure to your flash drive using the CMS File Manager.
2. Save this page and the waveforms for future reference.