

No action necessary

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**

Turbine will shut down when 1 Sec average wind speed is greater than or equals to 32m/s. It will automatically reset in 10 minutes if 1 Sec wind speed has dropped to or below 26 m/s.

Replace the defective RS485 Repeater

Does this solve the problem?

1] Yes

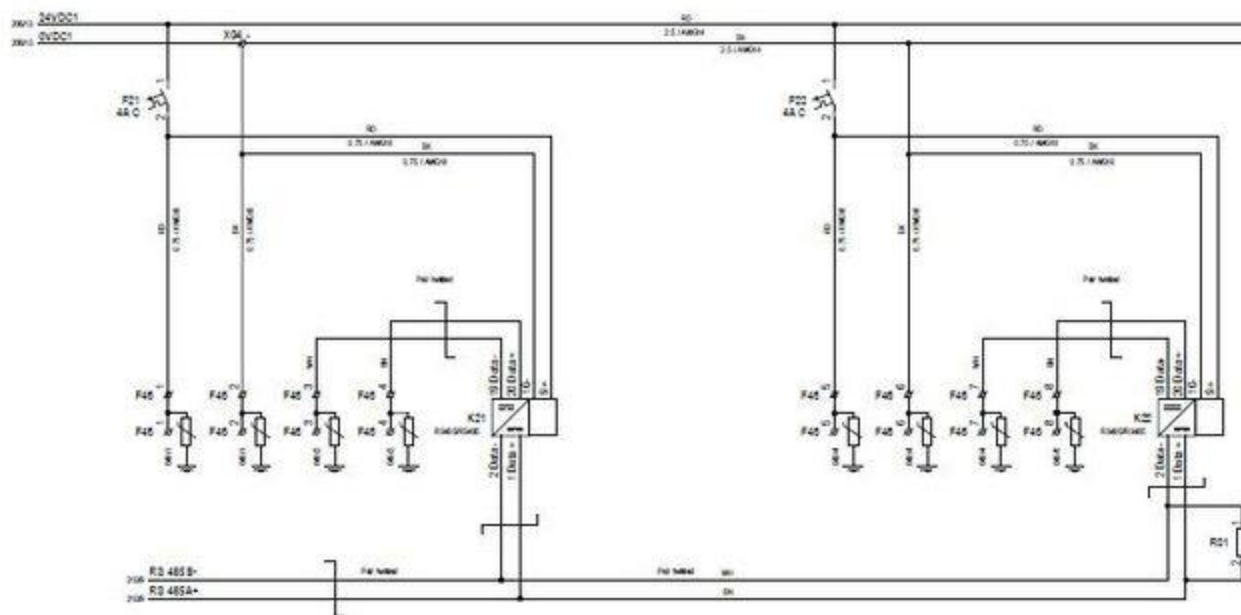
2] No

3] I don't know

- **Explanation**

+AN 1 Panel

Check the connection at RS485(K21) repeater & check LED status, One LED for power "ON" glow continuously other LED for signal transmission blinks, if the LED not glow change the RS485 repeater



24VDC WIND SENSOR1
MODELE LEFT

DATA BUS+
WIND SENSOR 1 MODELE LEFT
DATA BUS-
WIND SENSOR 1 MODELE LEFT

24VDC WIND SENSOR2
MODELE RIGHT

DATA BUS+
WIND SENSOR 2 MODELE RIGHT
DATA BUS-
WIND SENSOR 2 MODELE RIGHT



Relevant spare parts	
Description	Item No.
RS485/RS485 REPEATER I-75	60004933

Check the Sensor alignment and replace the defective sensor

Does this solve the problem?

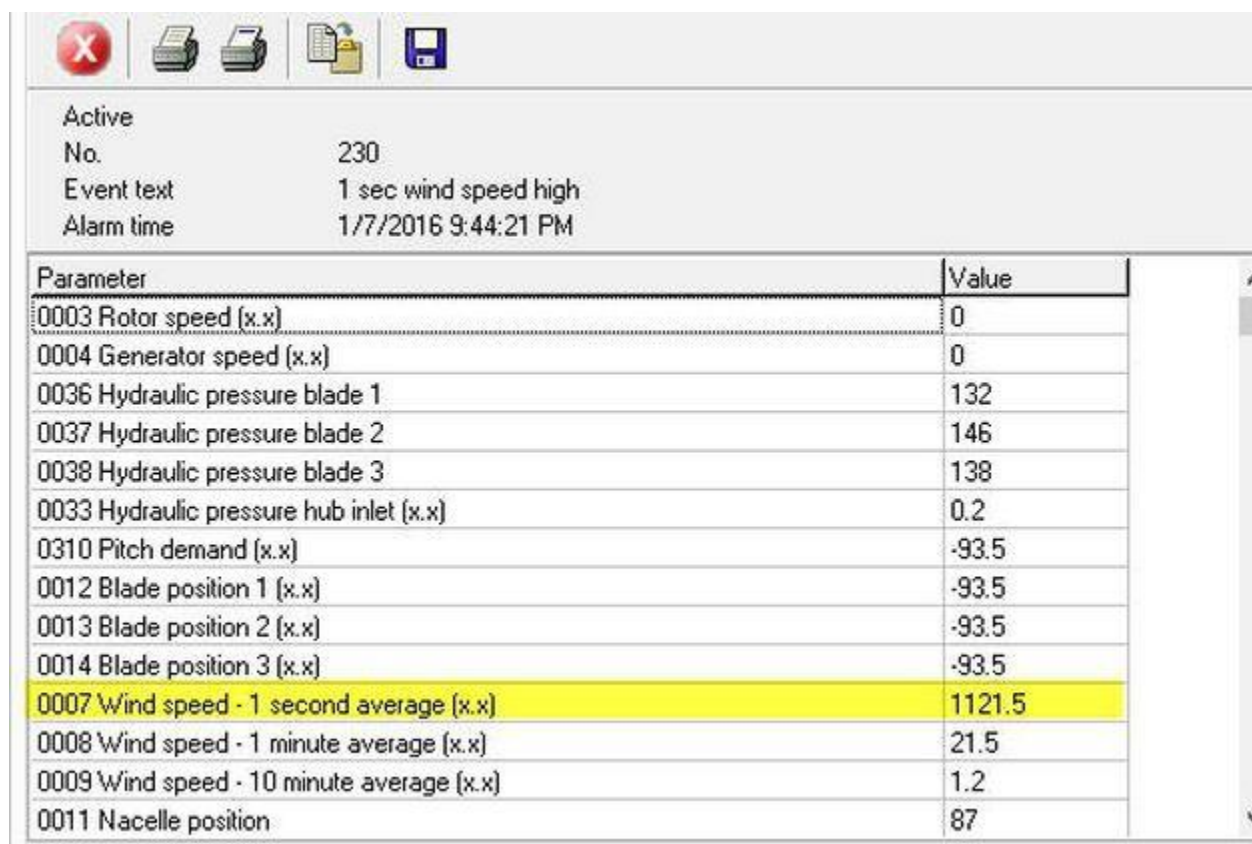
- 1] Yes
- 2] No
- 3] I don't know

- **Explanation**
+AT2- Control panel:

Check the sensor cable connection for any damage or loose connection in the contact. The cable loose connection or short circuit will lead to wrong measurement.

Check the instantaneous wind speed measurement recorded in the TAC-II controller. If the value shows abnormally, then FT sensor might failure and need a replacement.

Below screenshot shows an incorrect measurement in the controller:



Parameter	Value
0003 Rotor speed (x.x)	0
0004 Generator speed (x.x)	0
0036 Hydraulic pressure blade 1	132
0037 Hydraulic pressure blade 2	146
0038 Hydraulic pressure blade 3	138
0033 Hydraulic pressure hub inlet (x.x)	0.2
0310 Pitch demand (x.x)	-93.5
0012 Blade position 1 (x.x)	-93.5
0013 Blade position 2 (x.x)	-93.5
0014 Blade position 3 (x.x)	-93.5
0007 Wind speed - 1 second average (x.x)	1121.5
0008 Wind speed - 1 minute average (x.x)	21.5
0009 Wind speed - 10 minute average (x.x)	1.2
0011 Nacelle position	87

Relevant spare parts	
Description	Item No.
WIND SENSOR US FT702LT	106510

For new FT sensor commissioning, refer the Commissioning instruction section 5.11

Relevant documentation	
Description	DMS No.
Commissioning Instruction, V82-1.65 MW	0000-9925 V05

Check and replace the defective TOI

Does this solve the problem?

1] Yes

2] No

3] I don't know

- **Explanation**

If the Wind speed is not greater than or equals to 32m/s, then check and replace the TOI.

Relevant spare parts	
Description	Item No.
TOI-II INTERF EXT POC	51701601