

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

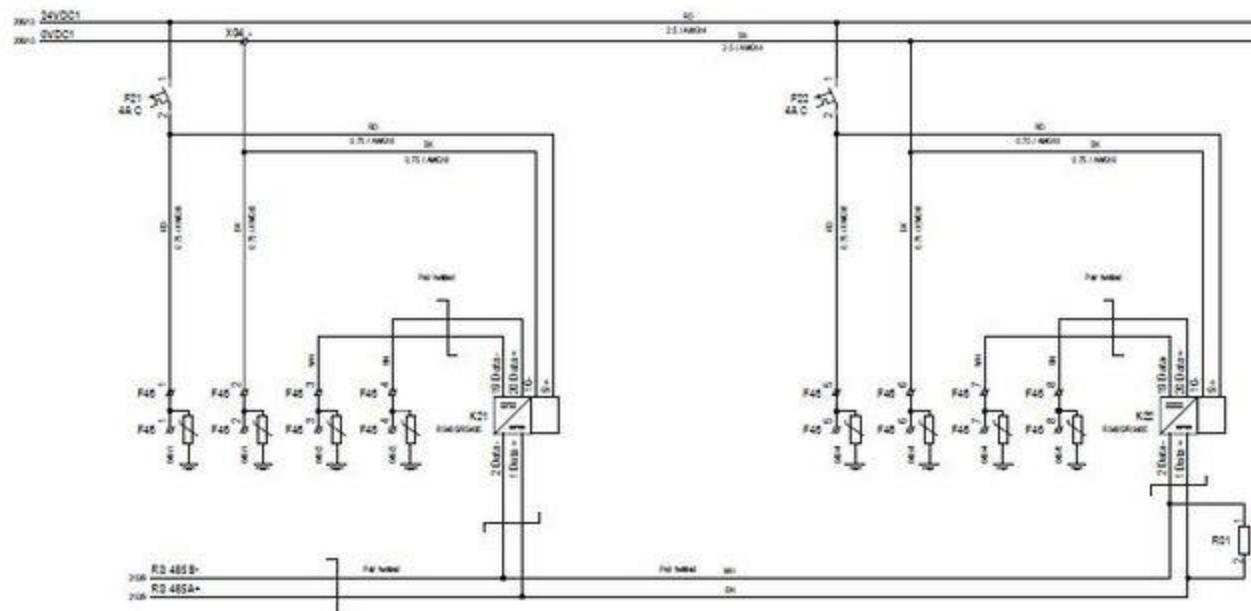
Does this solve the problem?

- 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 SENSOR 1
MODULE LEFT

DATA IN,
WIND SENSOR 1 MODULE LEFT

24VDC WIND SENSOR 2
MODULE RIGHT

DATA IN,
WIND SENSOR 2 MODULE 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:

The screenshot shows a software interface for a TAC-II controller. At the top, there are several icons: a red circle with an 'X', a printer, a floppy disk, a document with a lock, and a save icon. Below this is a header row with the following data:

Active	
No.	230
Event text	1 sec wind speed high
Alarm time	1/7/2016 9:44:21 PM

Below the header is a table listing various parameters and their values. The table has two columns: "Parameter" and "Value". The "Parameter" column lists items such as Rotor speed, Generator speed, Hydraulic pressure blades, and Wind speed. The "Value" column shows numerical values like 0, 132, 146, 138, 0.2, -93.5, and 1121.5. The row for "Wind speed - 1 second average" is highlighted with a yellow background.

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